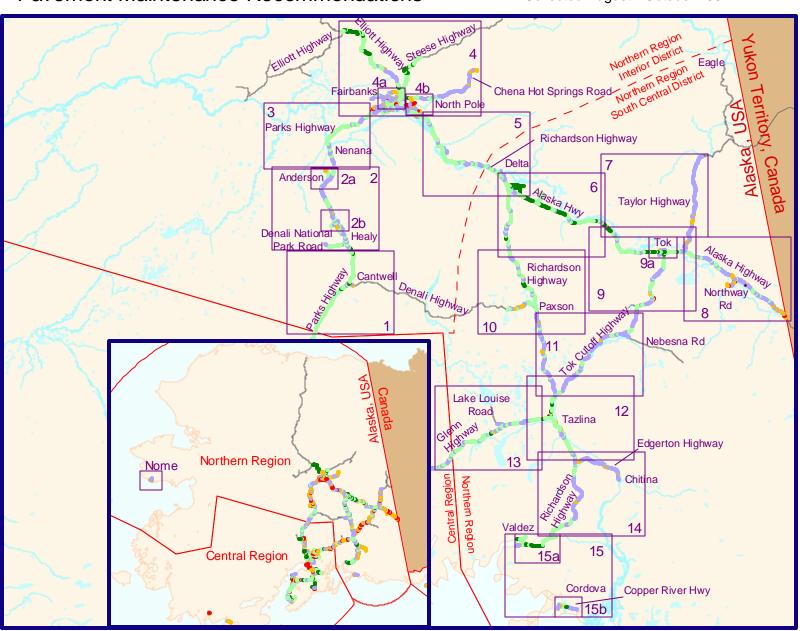
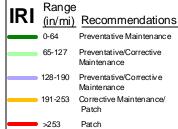


Pavement Maintenance Recommendations

International Roughness Index - IRI Based on Pavement Profiler Data Collected August - October 2002





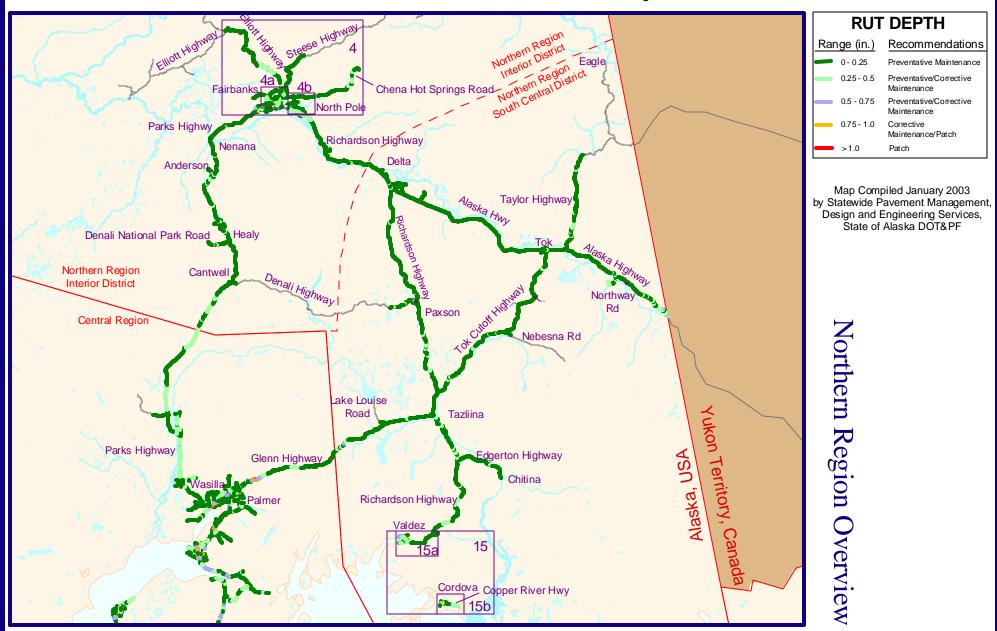
Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, State of Alaska DOT&PF

Northern Region Overview

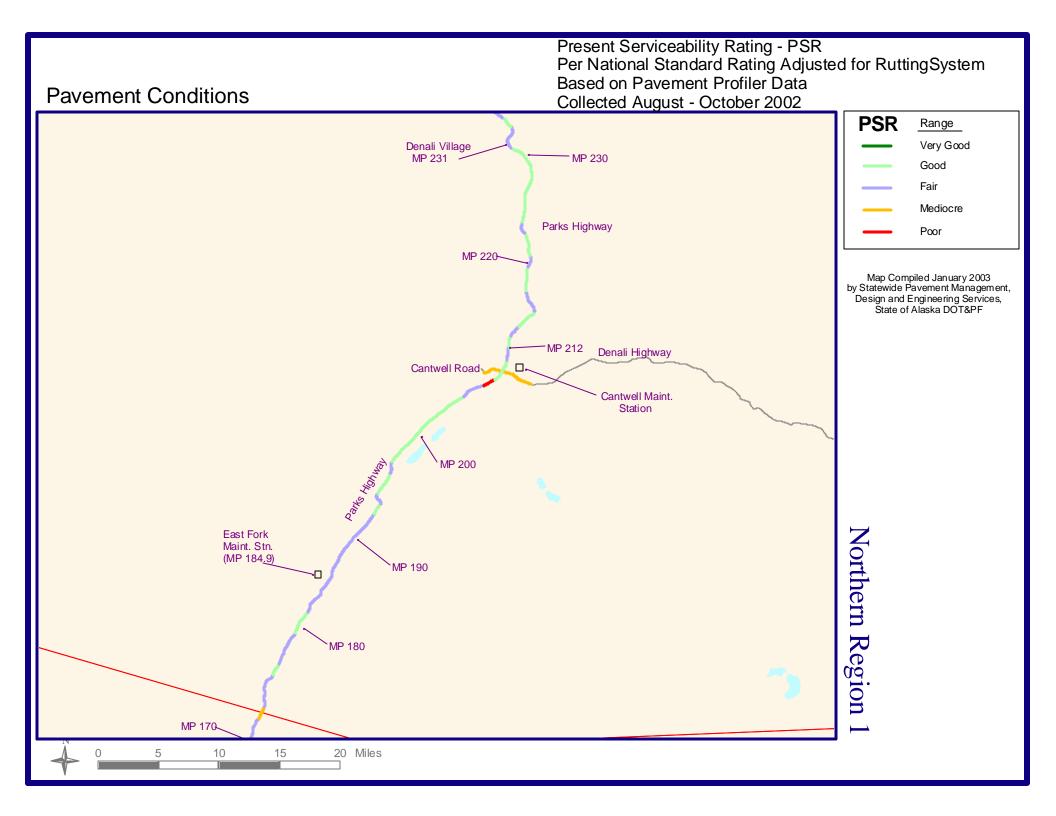


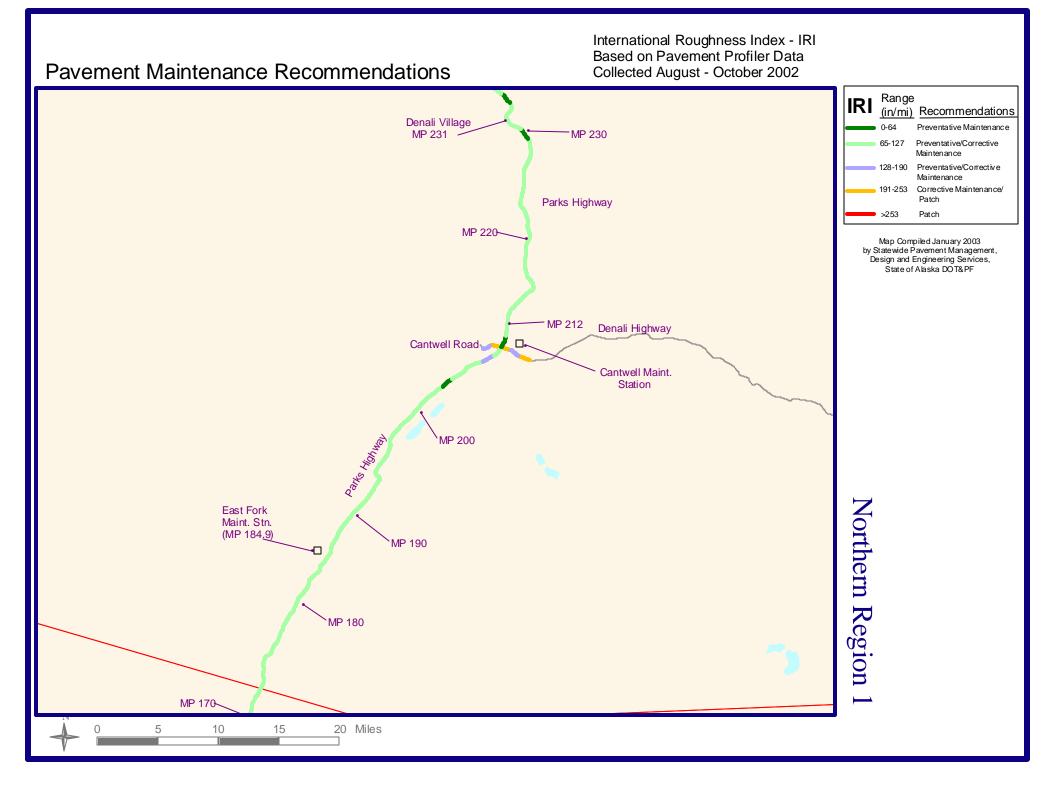
Pavement Maintenance Recommendations

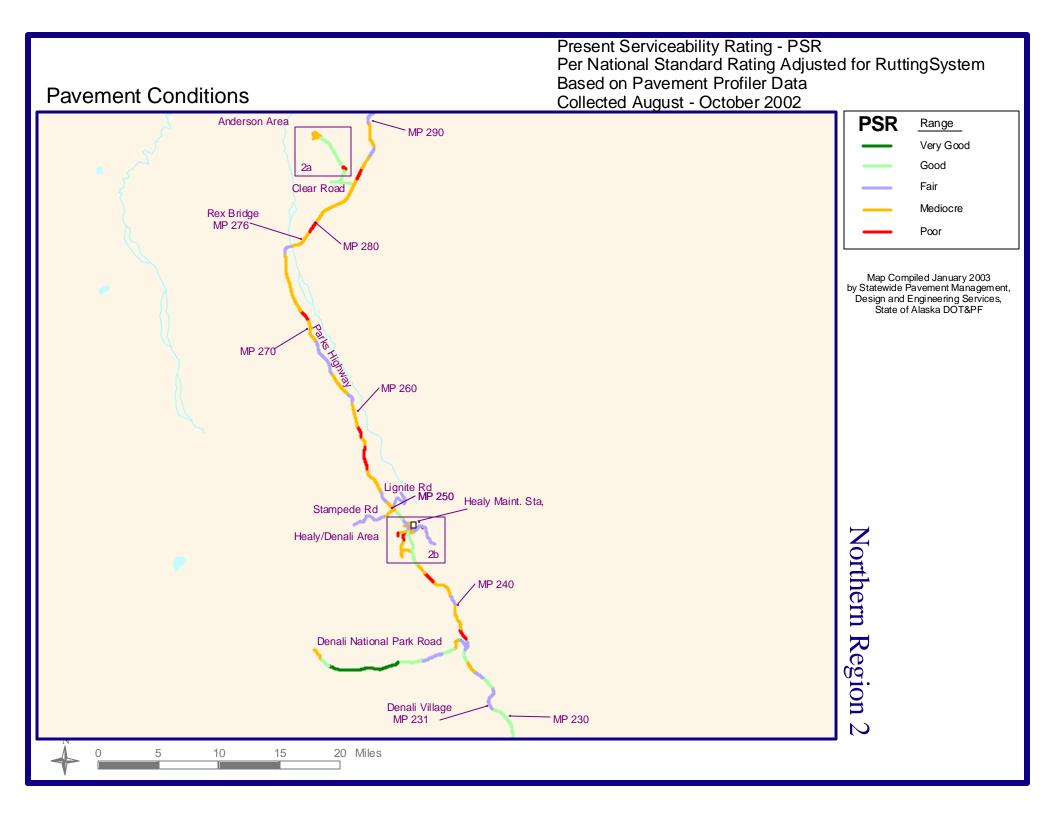
Rut Depth Measurements Based on Pavement Profiler Data Collected August - October 2002

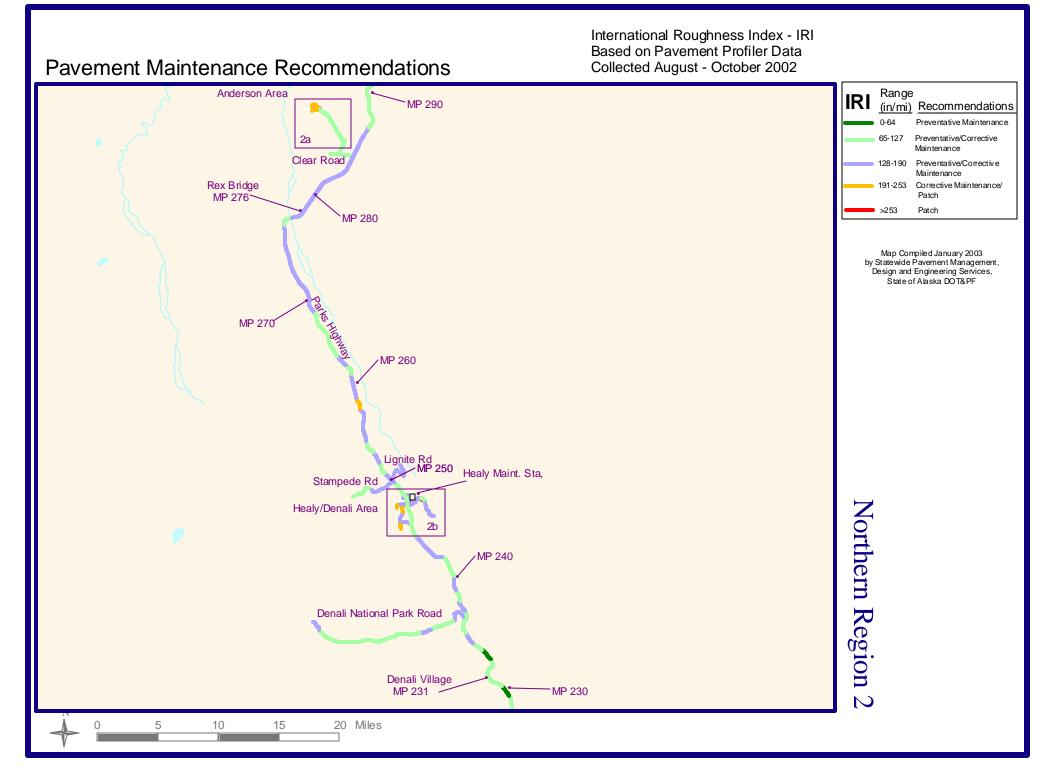


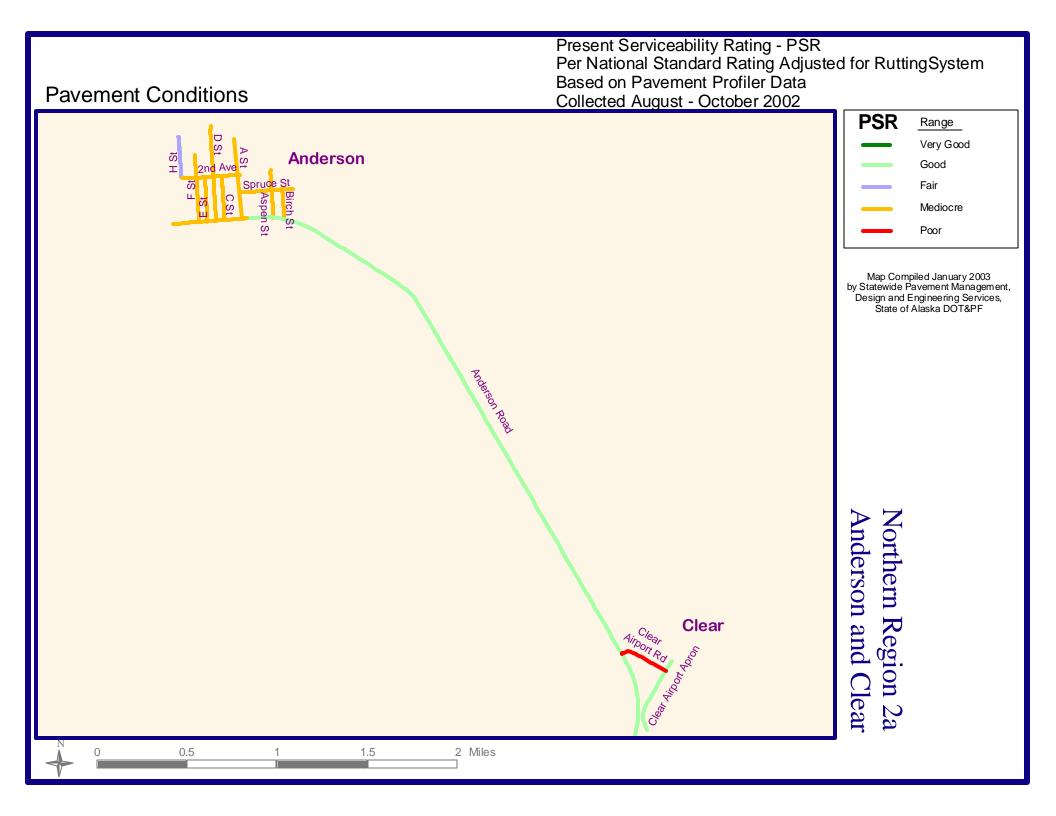


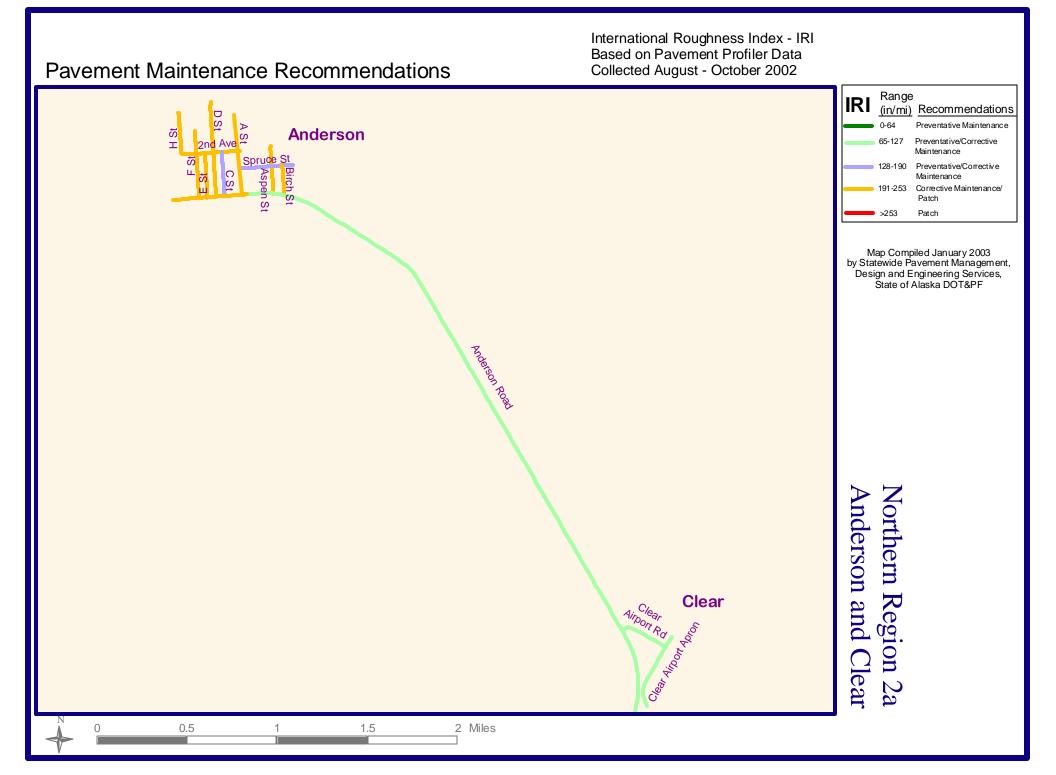


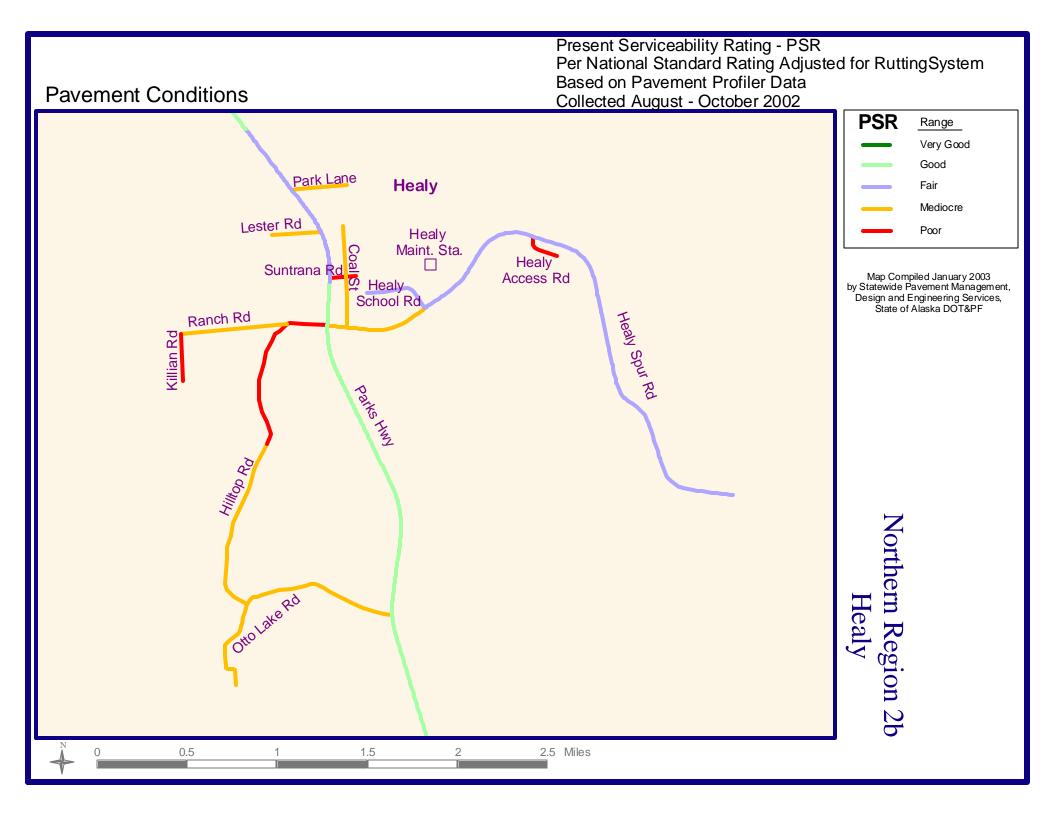


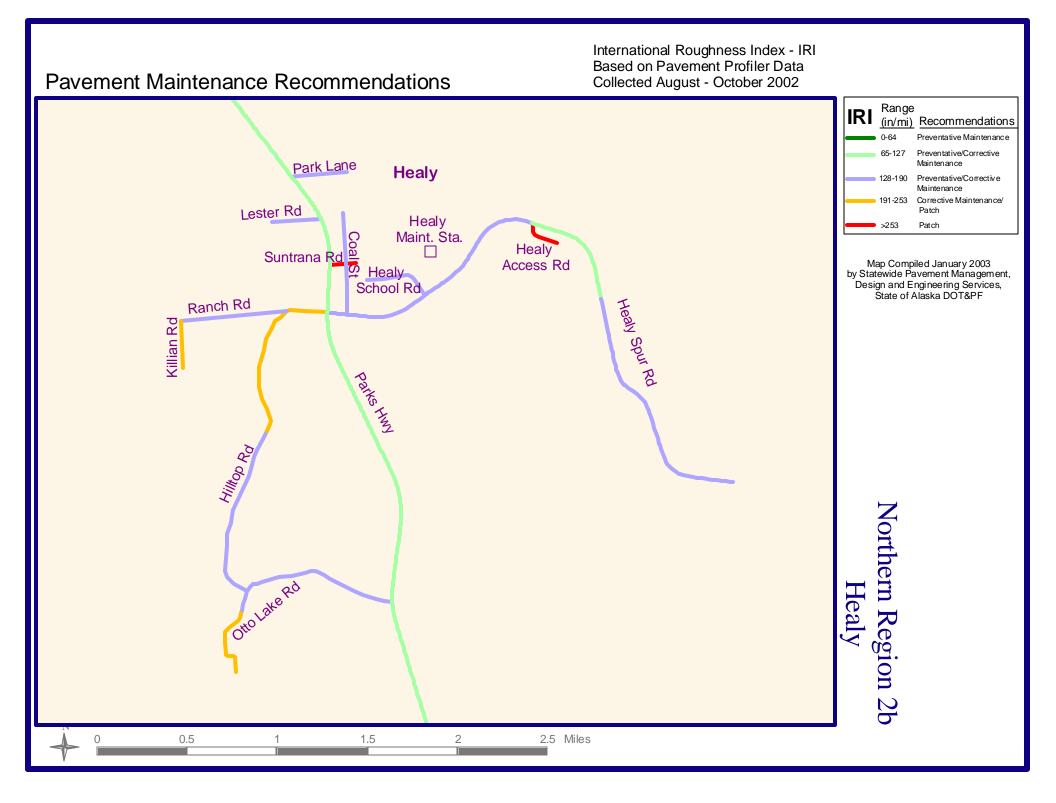


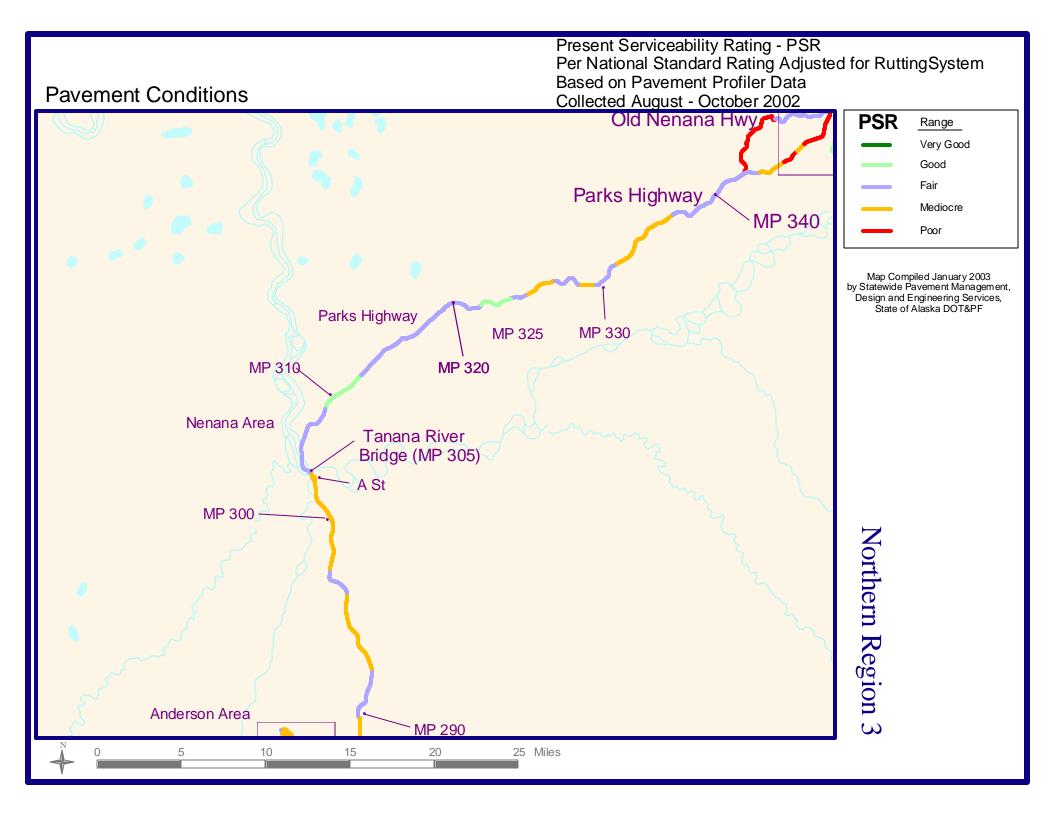


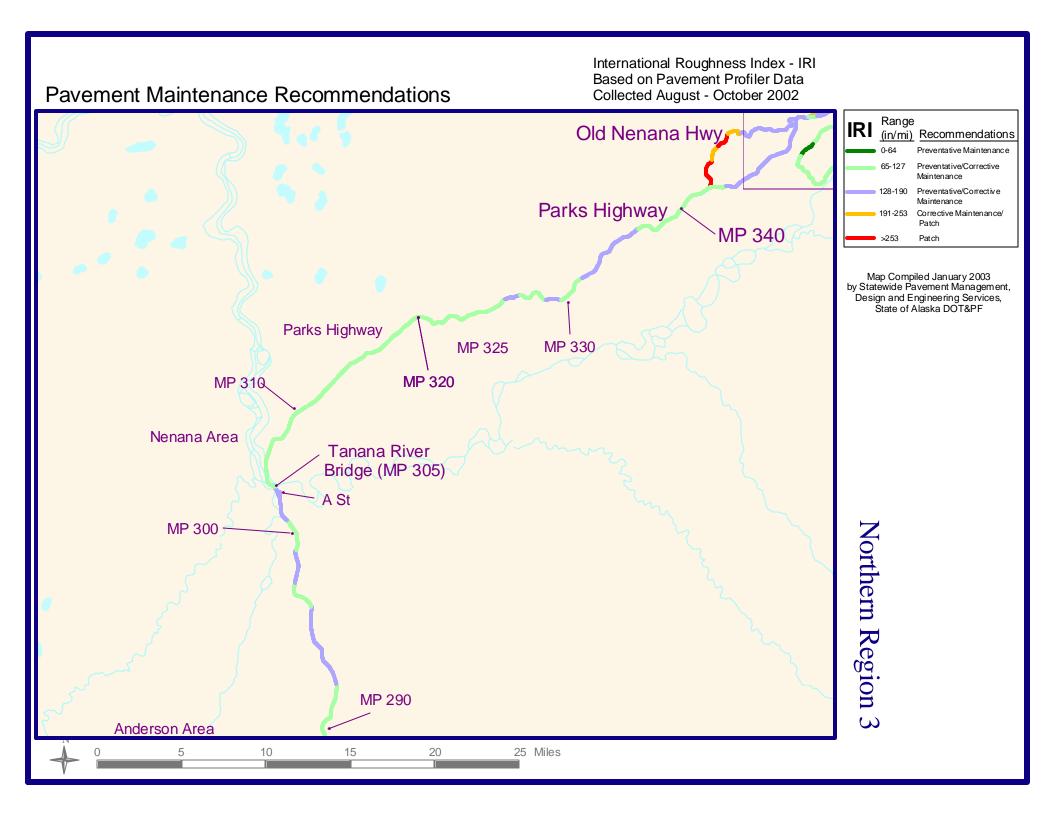


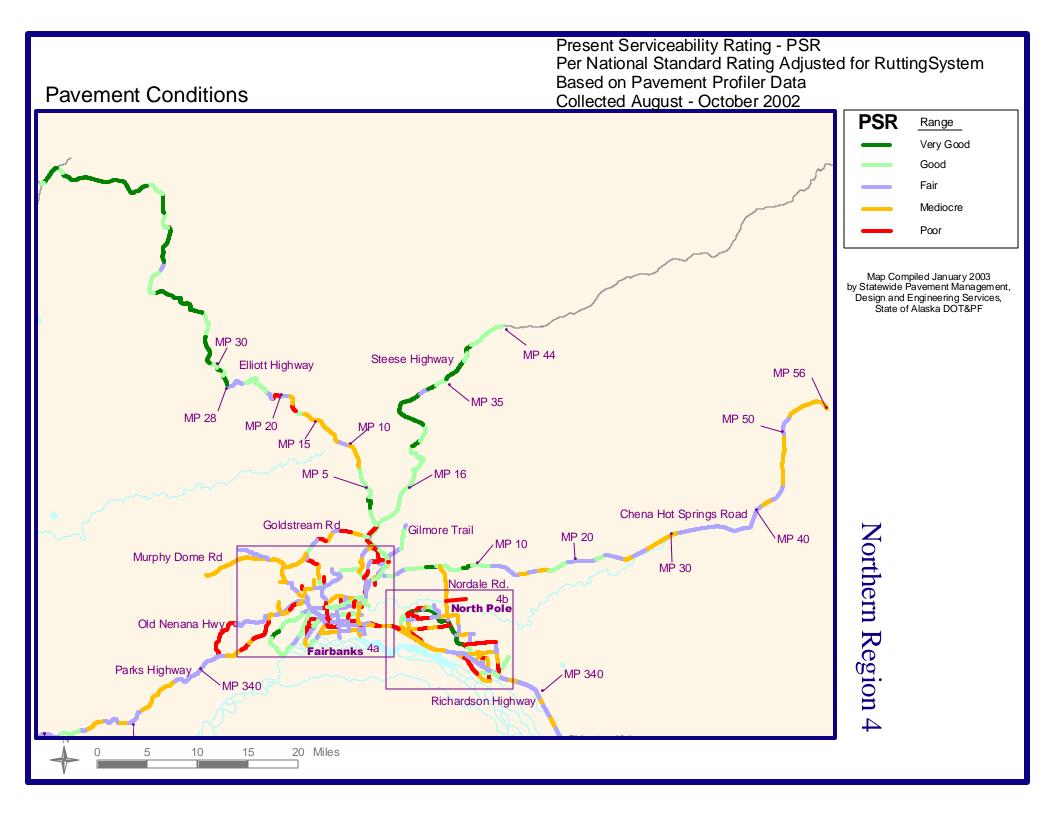


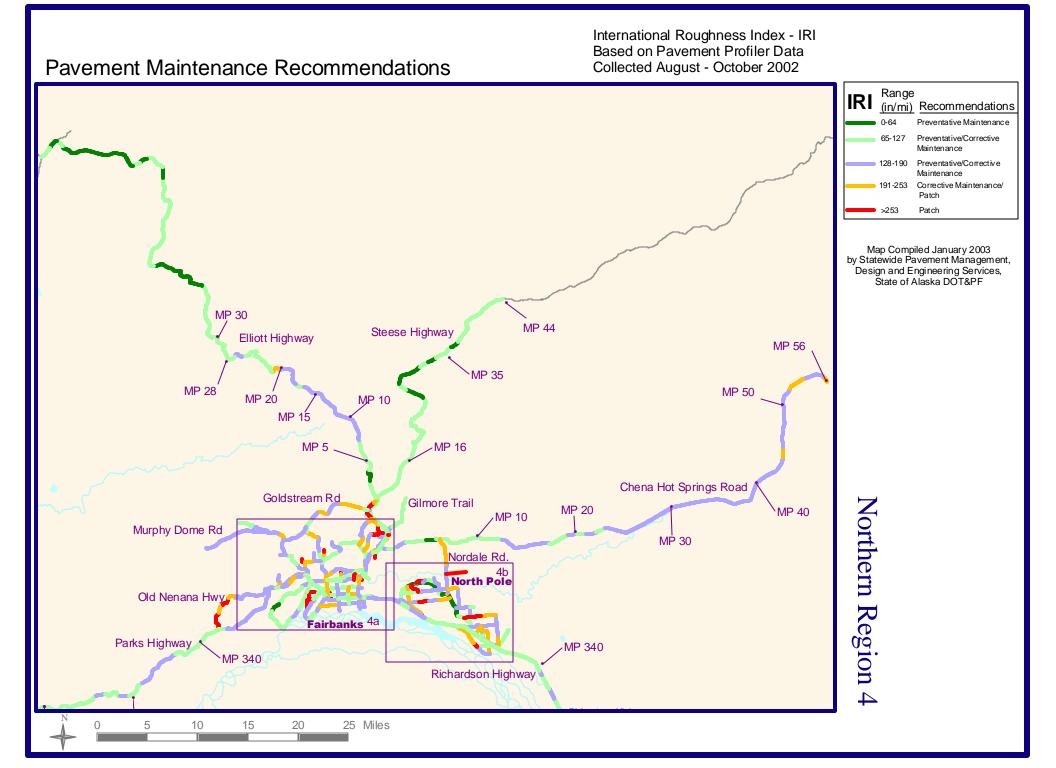






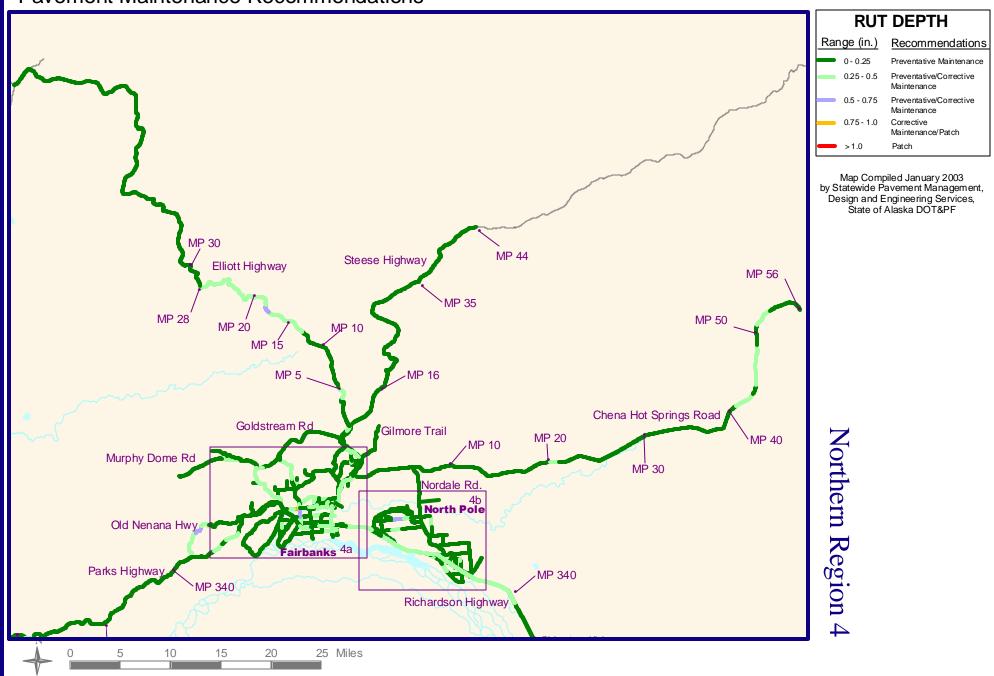


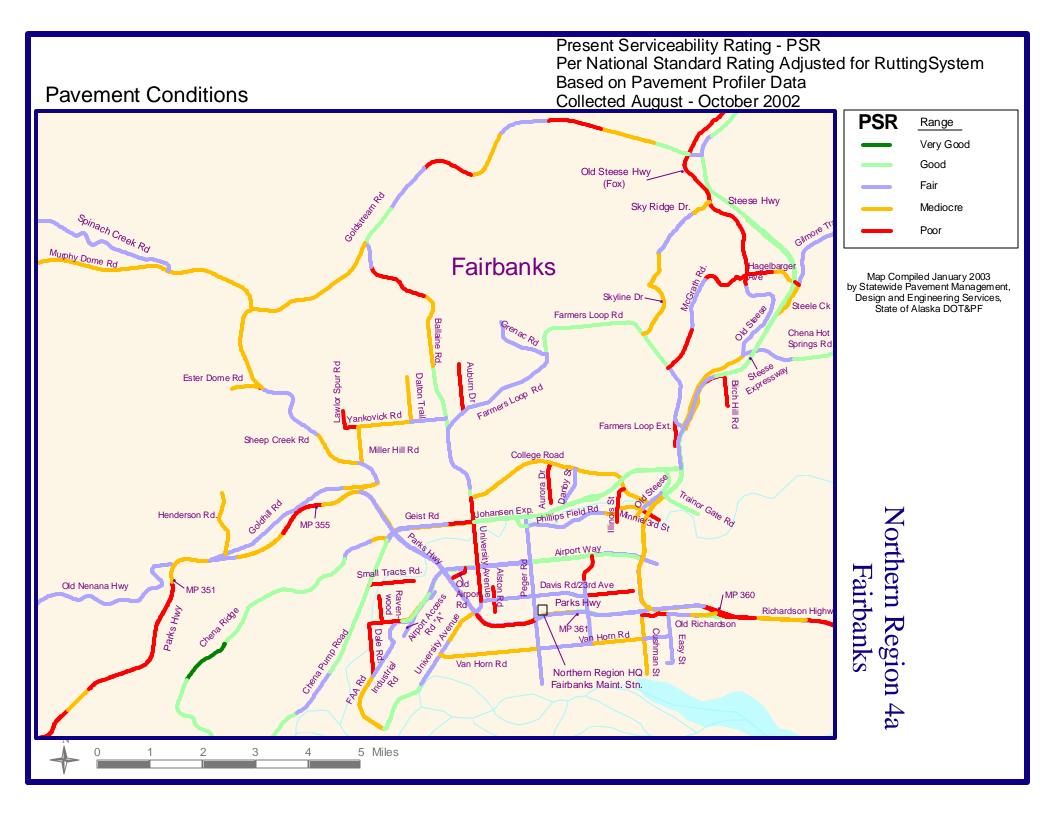


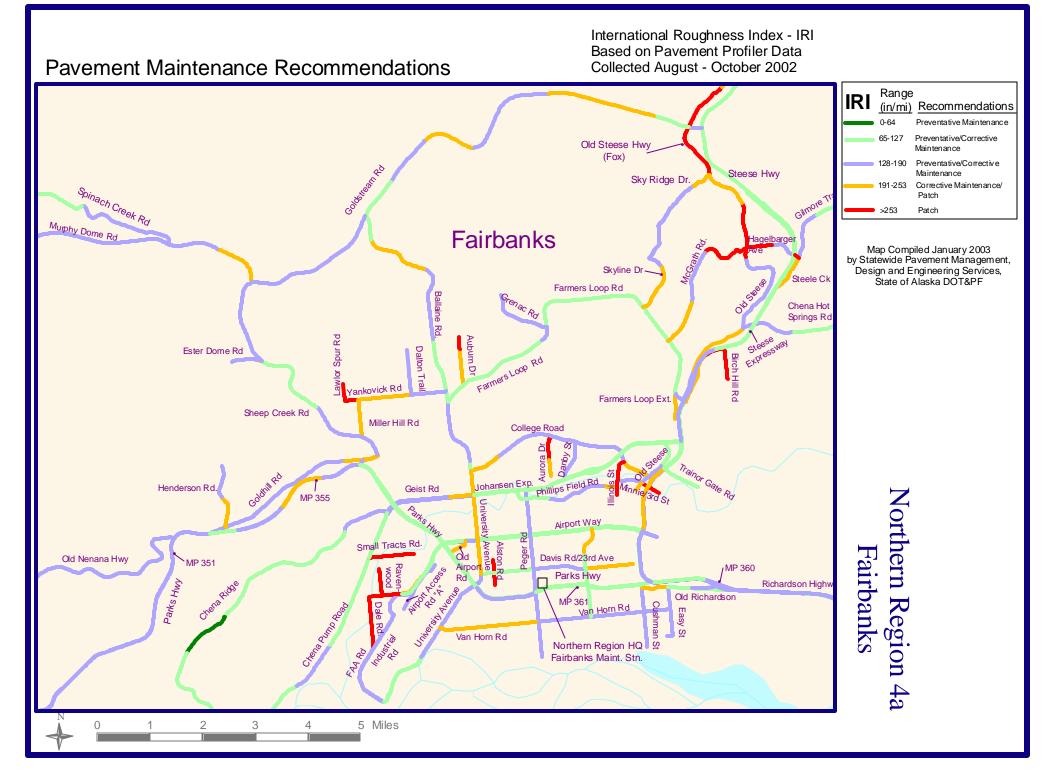


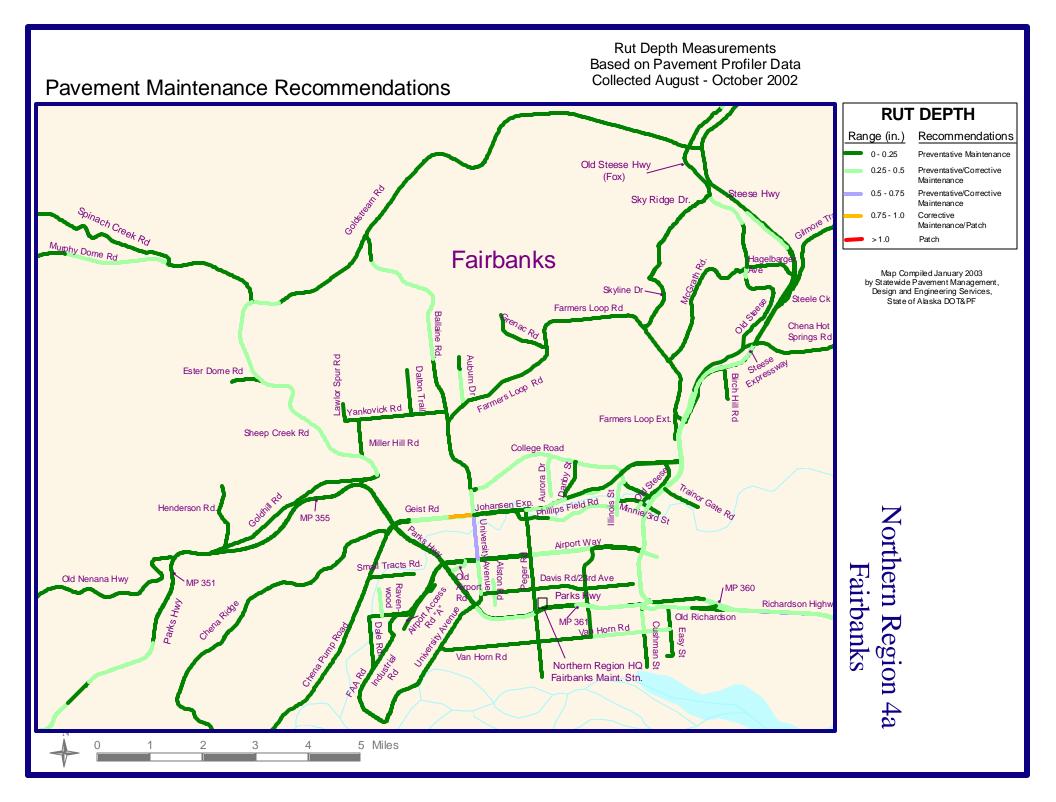
Rut Depth Measurements Based on Pavement Profiler Data Collected August - October 2002

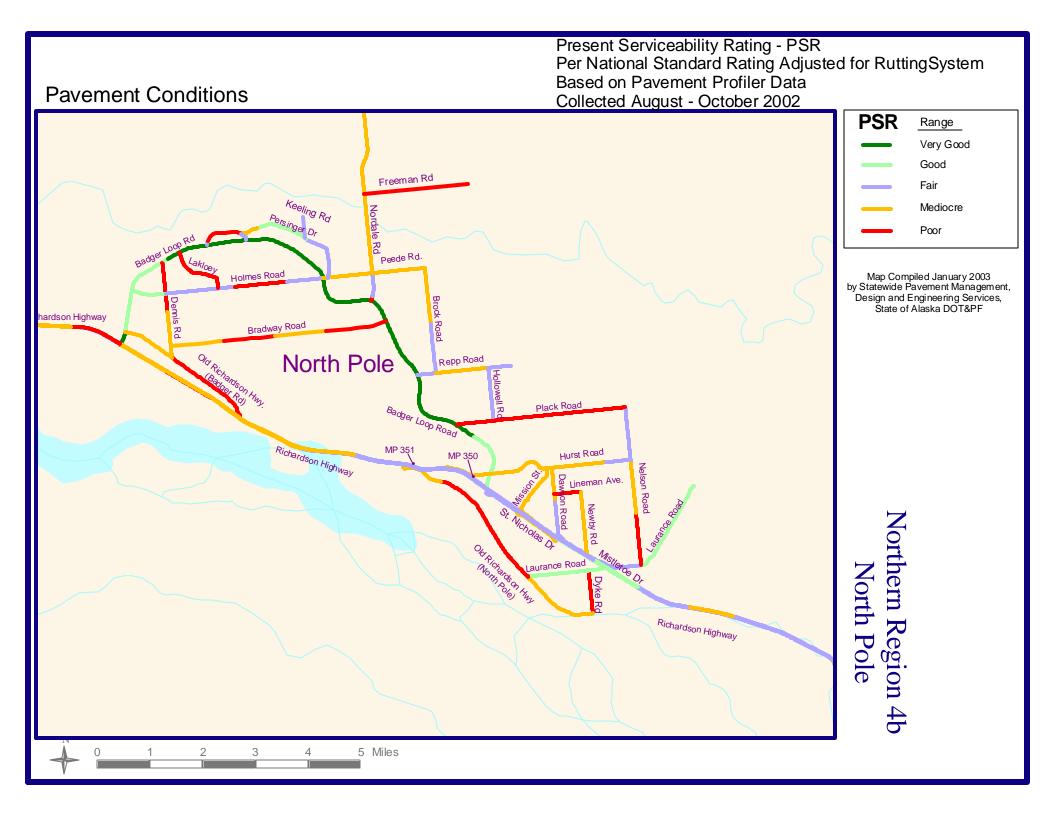
Pavement Maintenance Recommendations





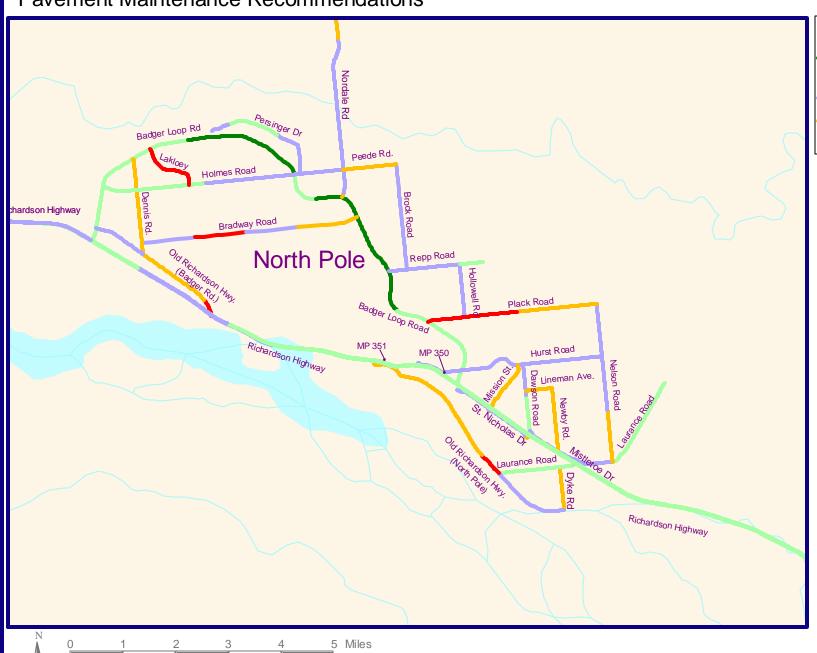


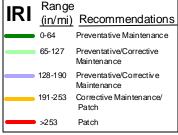




International Roughness Index - IRI Based on Pavement Profiler Data Collected August - October 2002

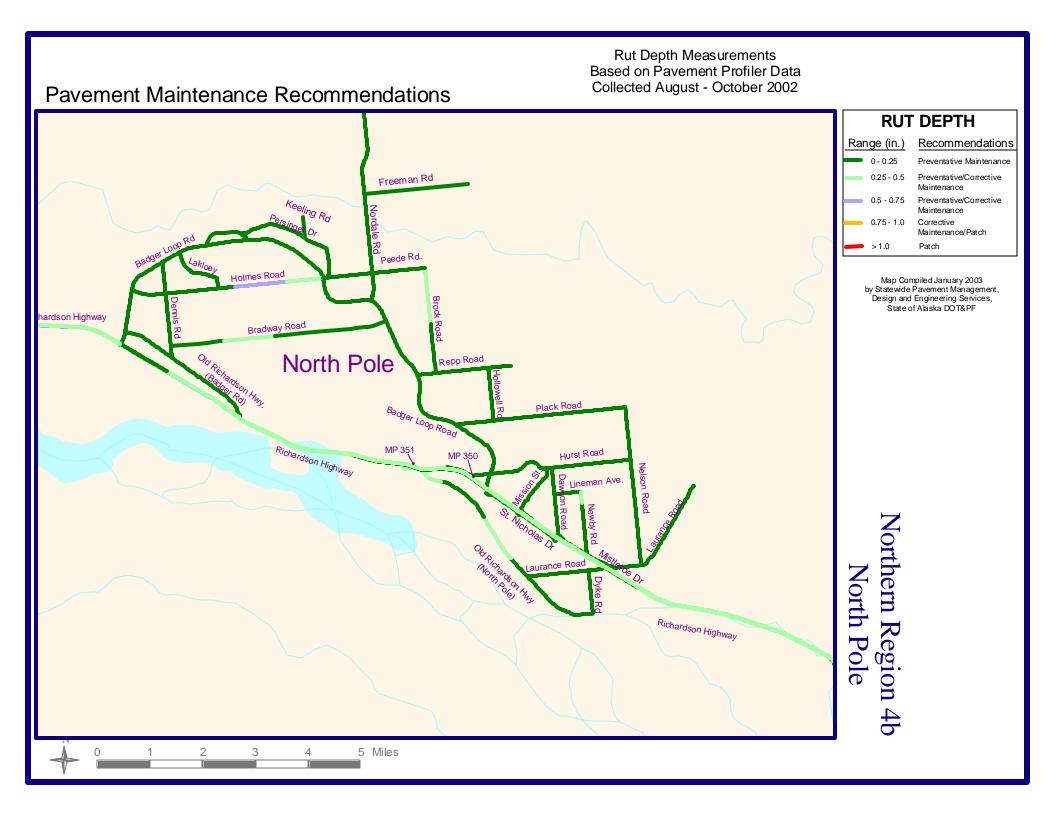
Pavement Maintenance Recommendations

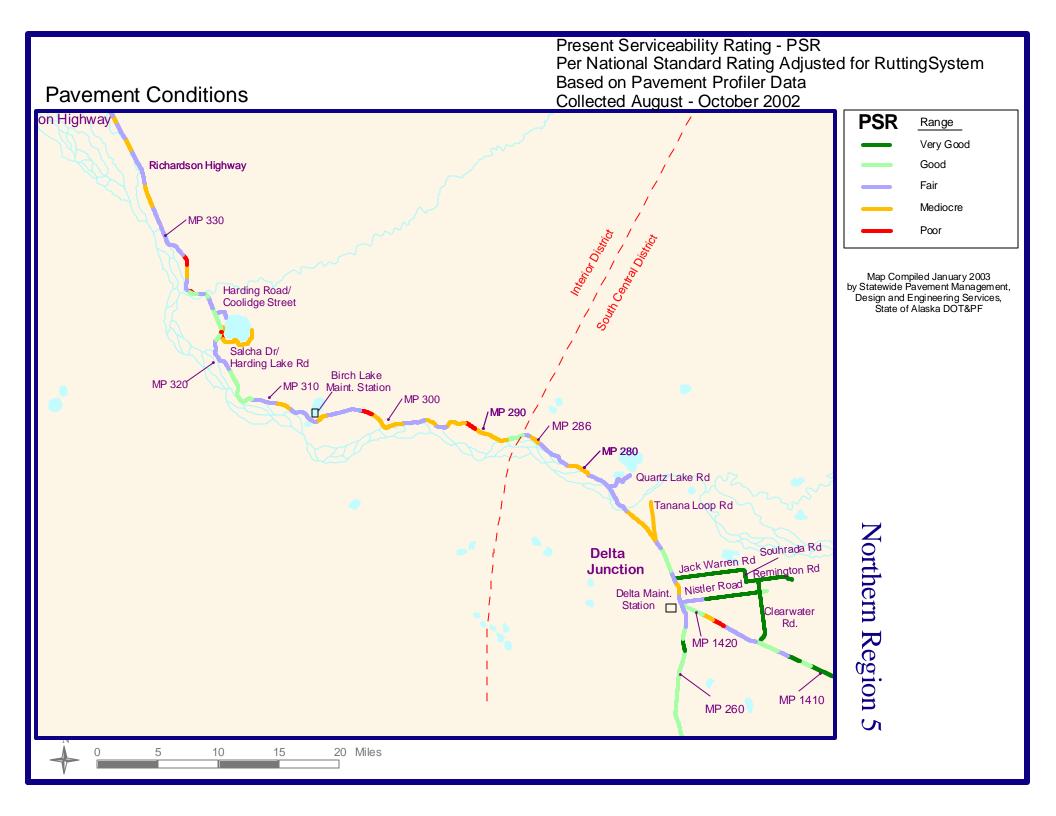


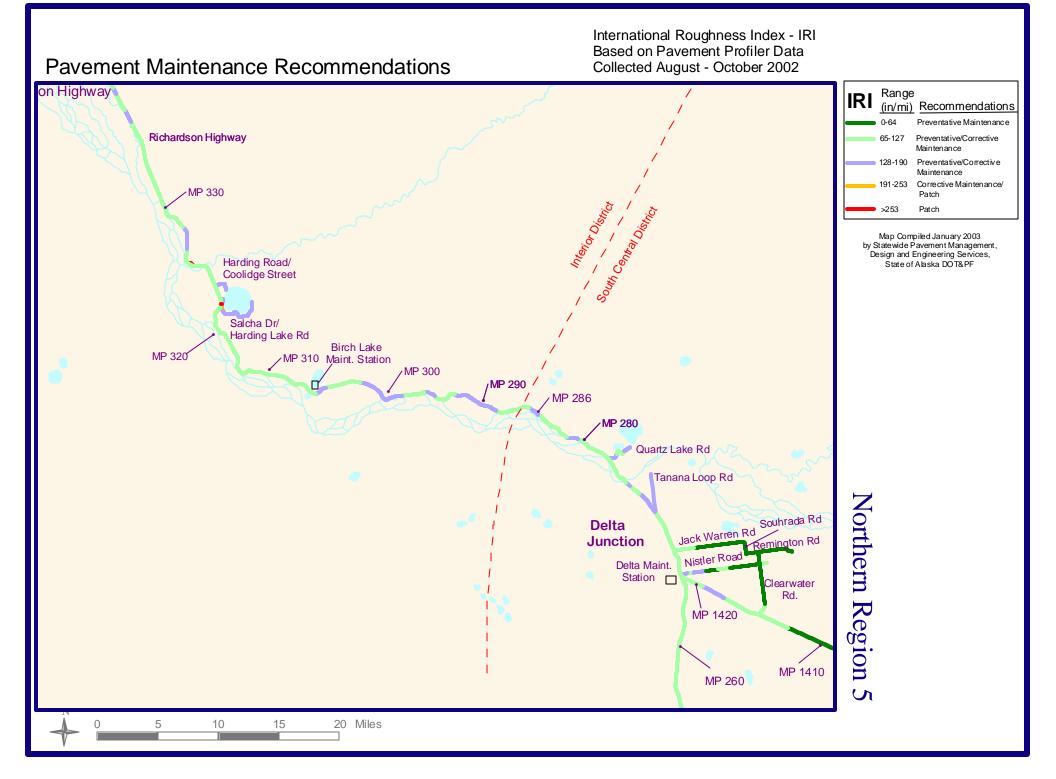


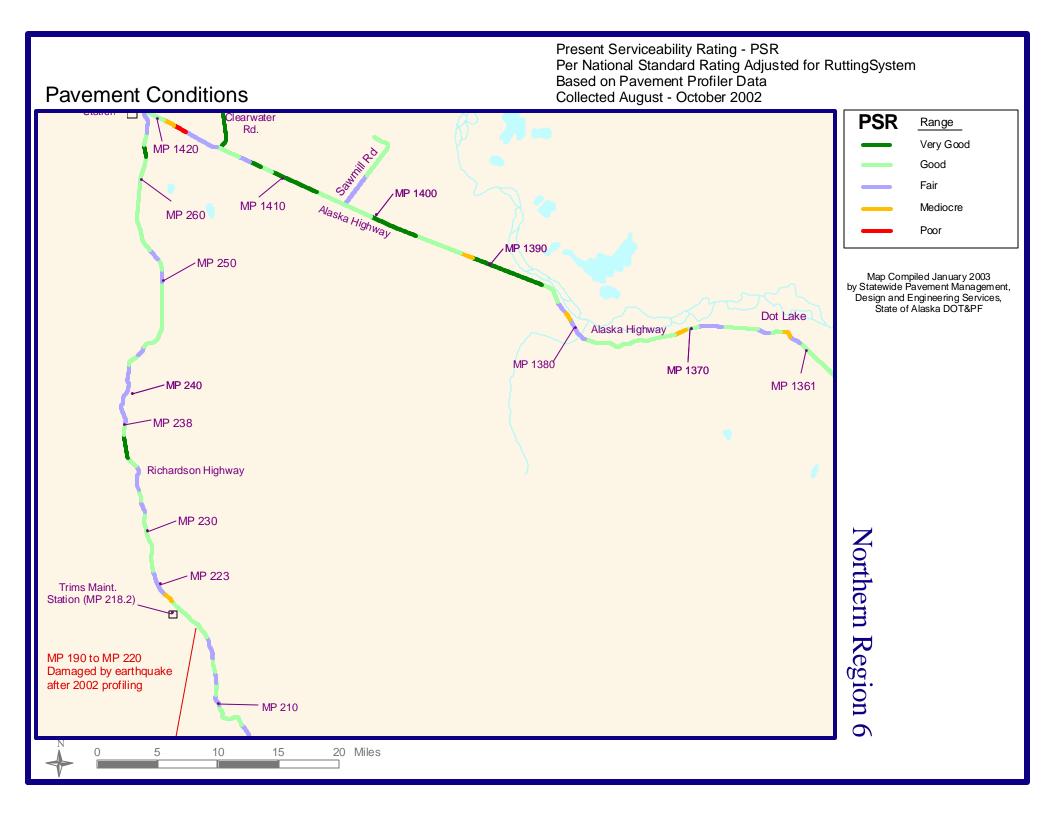
Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, State of Alaska DOT&PF

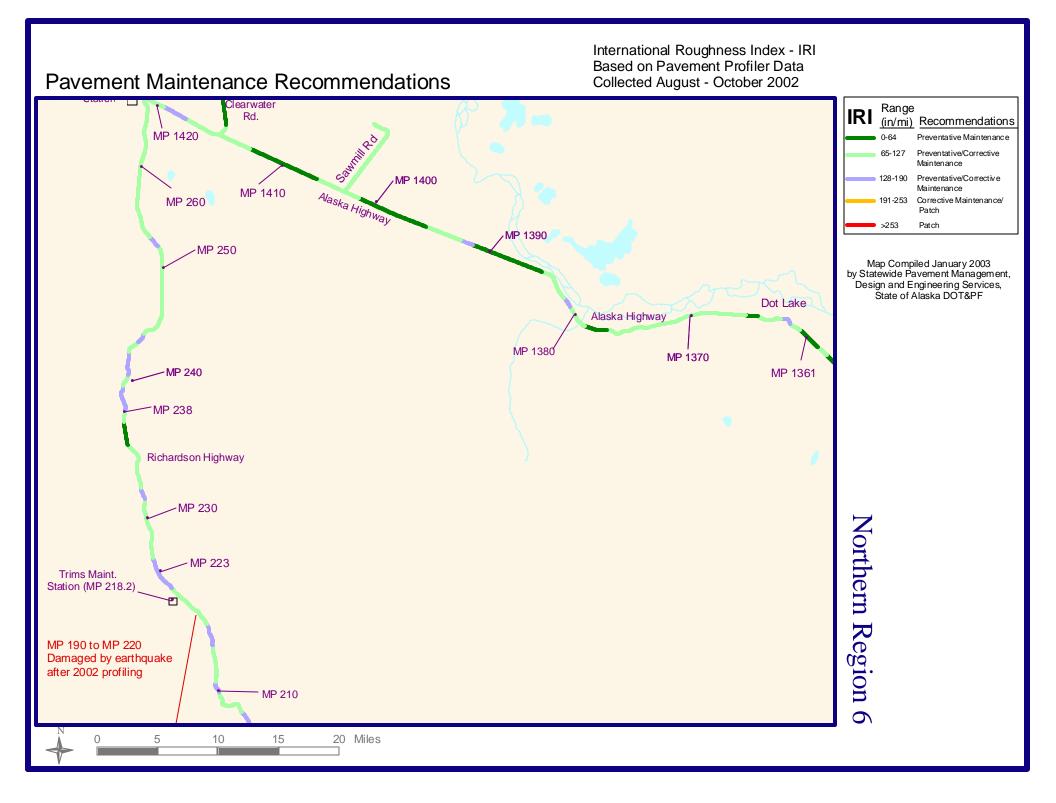
Northern Region 4b North Pole

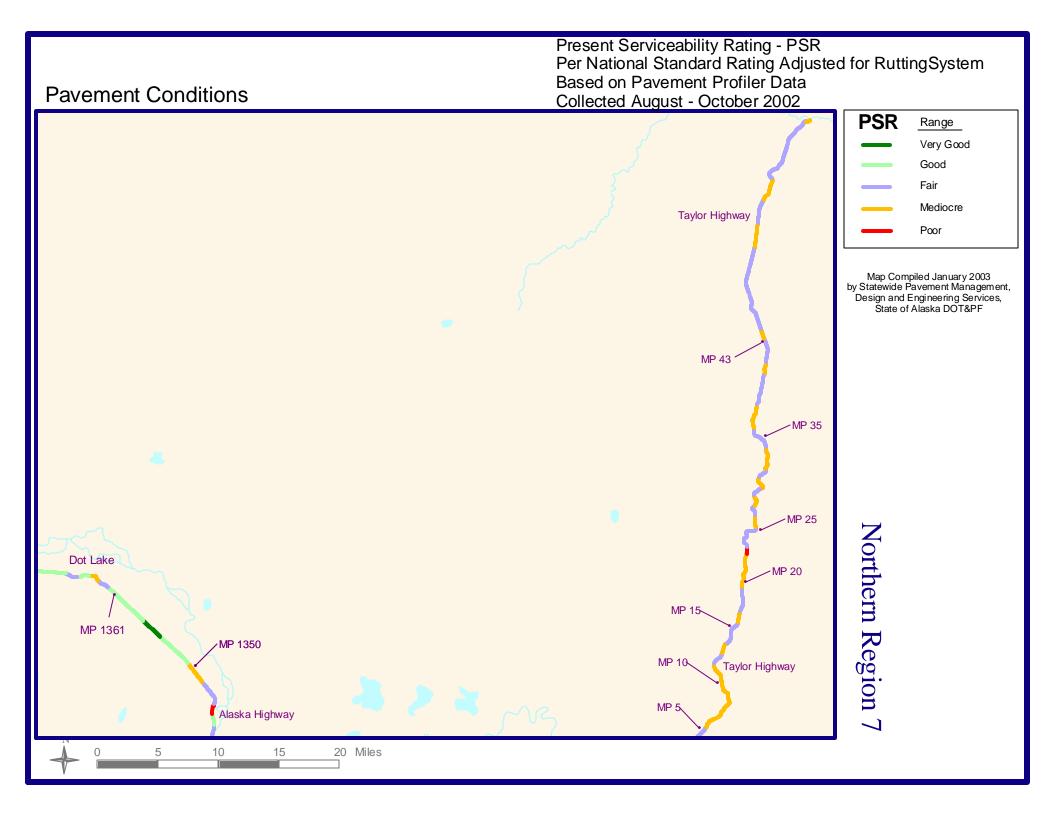


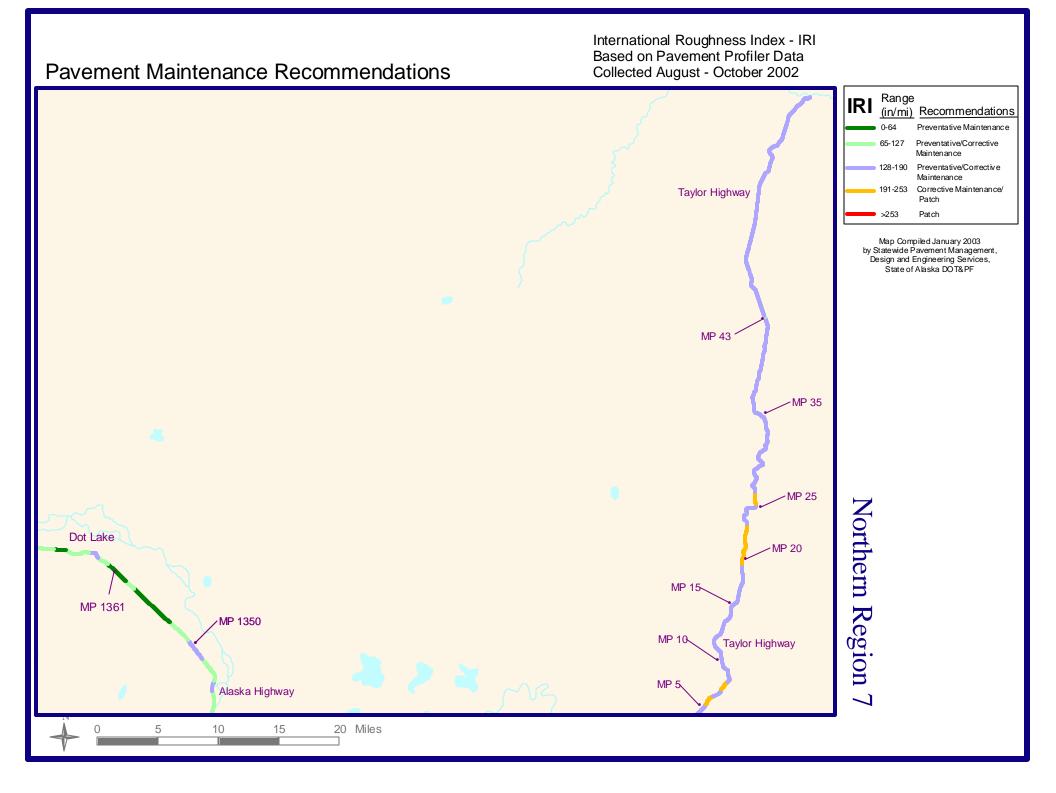


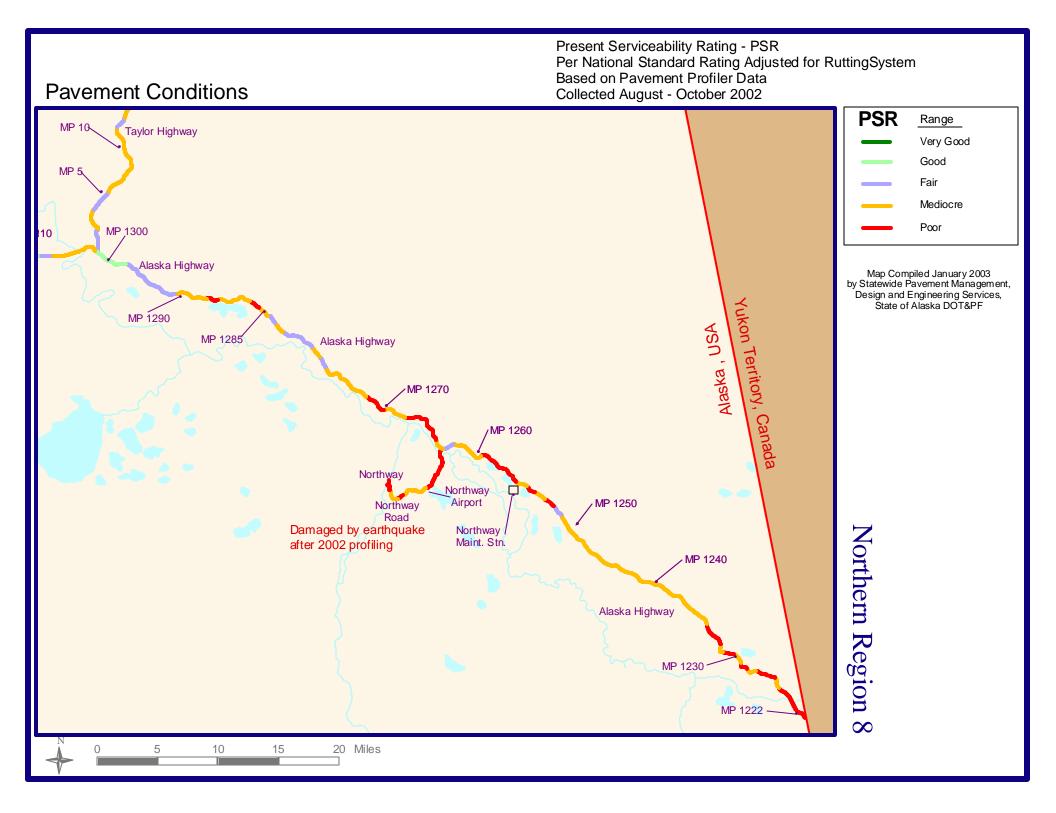




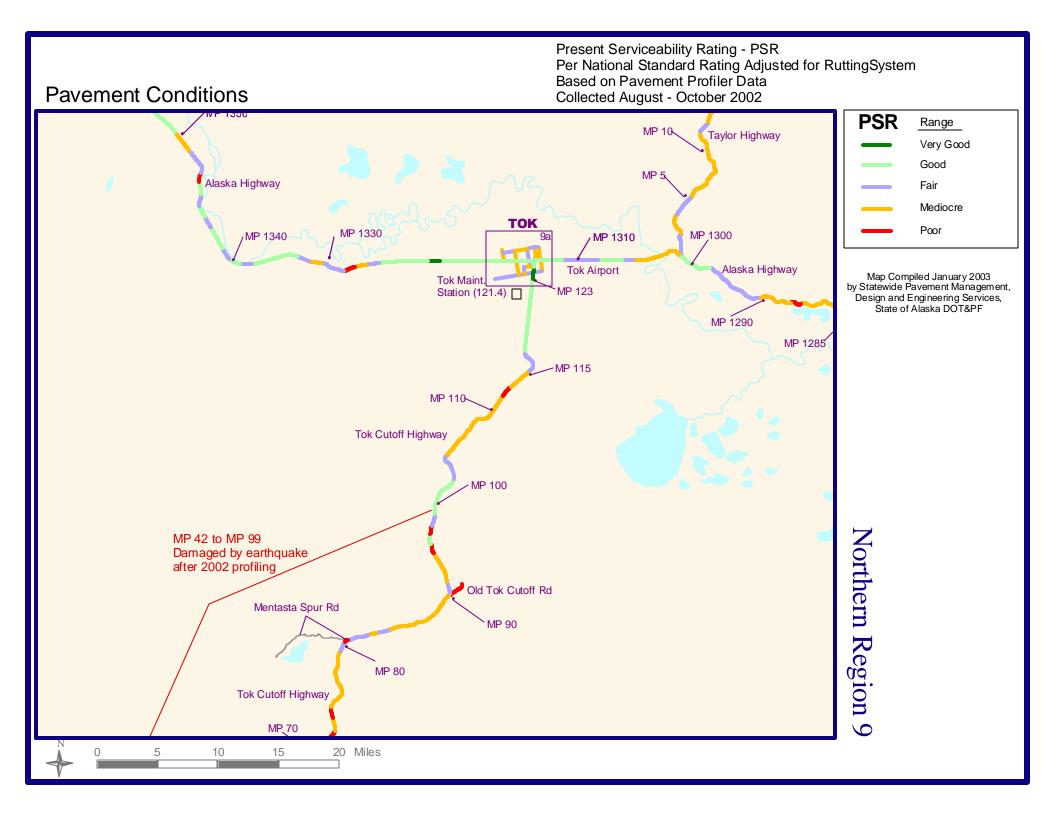




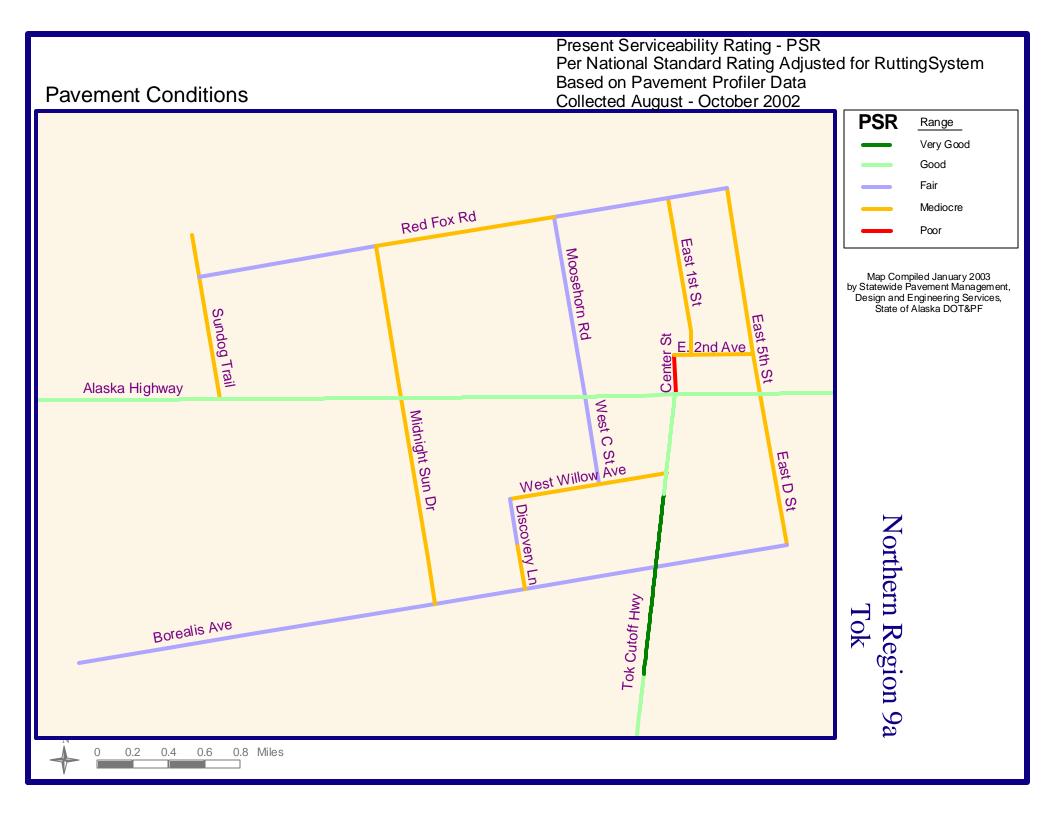


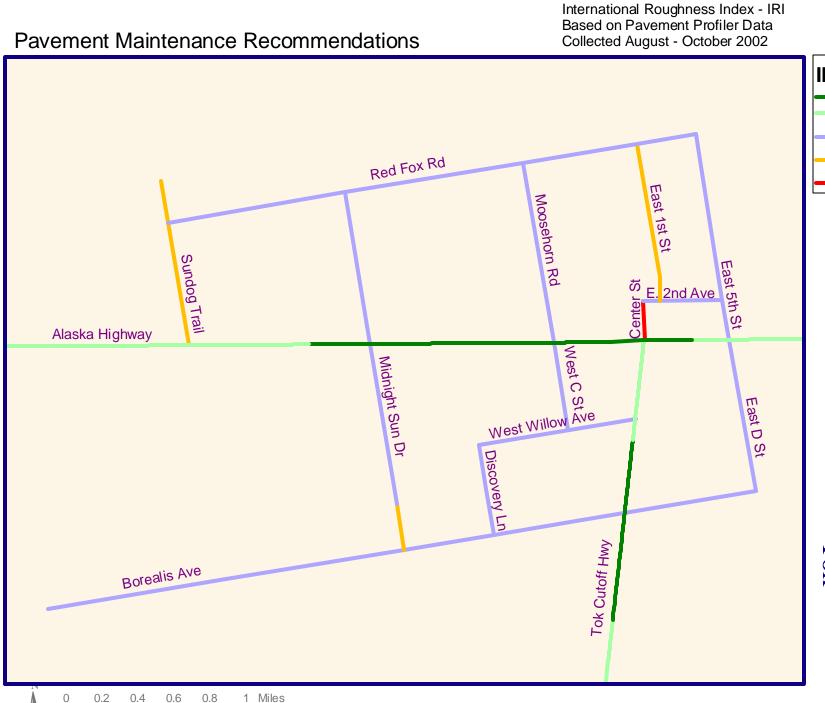


International Roughness Index - IRI Based on Pavement Profiler Data **Pavement Maintenance Recommendations** Collected August - October 2002 Range IRI Kange (in/mi) Recommendations MP 10 Taylor Highway Preventative Maintenance Preventative/Corrective MP 5. Maintenance 128-190 Preventative/Corrective Maintenance 191-253 Corrective Maintenance/ Patch MP 1300 >253 Patch Alaska Highway Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, Yukon Territory, Canada State of Alaska DOT&PF MP 1290 Alaska, USA MP 1285 Alaska Highway MP 1270 MP 1260 Northway Northway Airport MP 1250 Northway Damaged by earthquake Northern Region Northway after 2002 profiling Maint. Stn. MP 1240 Alaska Highway MP 1230 MP 1222 5 10 15 20 Miles



International Roughness Index - IRI Based on Pavement Profiler Data **Pavement Maintenance Recommendations** Collected August - October 2002 Range IRI (in/mi) Recommendations MP 10 Taylor Highway Preventative Maintenance Preventative/Corrective MP 5 Maintenance Alaska Highway Preventative/Corrective 128-190 Maintenance 191-253 Corrective Maintenance/ **TOK** Patch MP 1300 MP 1340 MP 1310 >253 Patch **Tok Airport** Alaska Highway Map Compiled January 2003 by Statewide Pavement Management, Tok Maint MP 123 Station (121.4) Design and Engineering Services, State of Alaska DOT&PF MP 1290 MP 1285 MP 115 MP 110-Tok Cutoff Highway MP 100 Northern Region MP 42 to MP 99 Damaged by earthquake after 2002 profiling Old Tok Cutoff Rd Mentasta Spur Rd MP 90 MP 80 Tok Cutoff Highway MP, 70 5 10 15 20 Miles



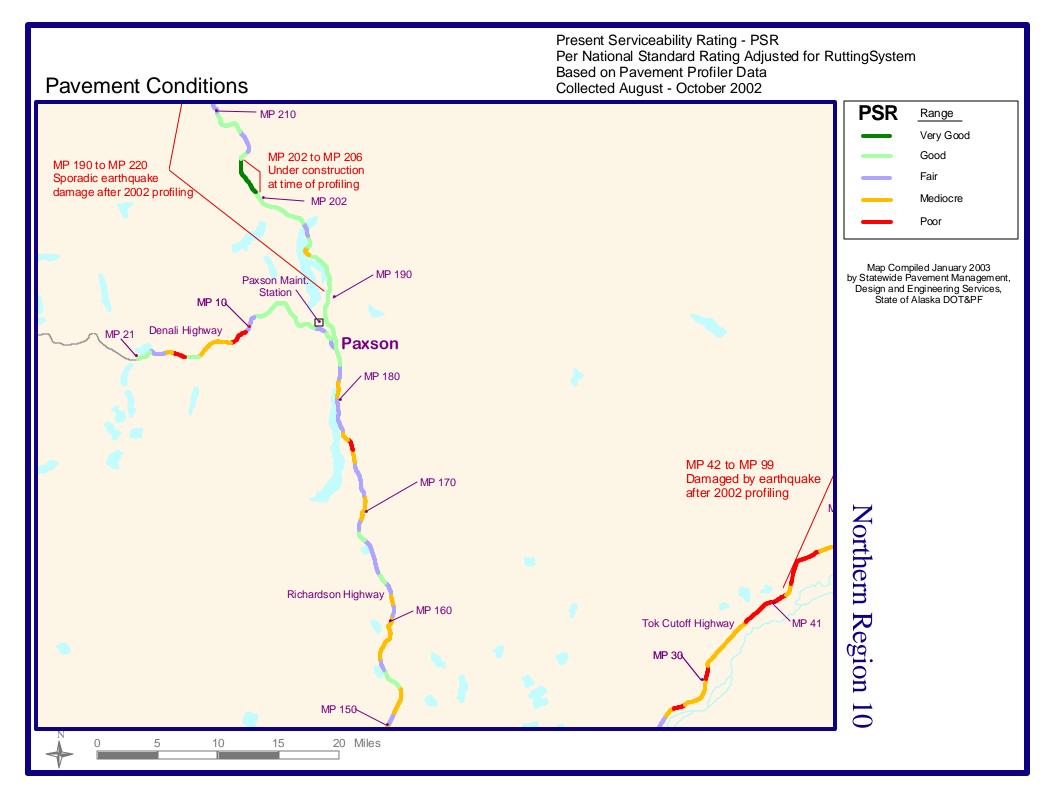


Range



Map Compiled January 2003 by State wide Pavement Management, Design and Engineering Services, State of Alaska DOT&PF

Northern Region 9a



International Roughness Index - IRI Based on Pavement Profiler Data **Pavement Maintenance Recommendations** Collected August - October 2002 MP 210 MP 202 to MP 206 MP 190 to MP 220 Under construction at time of profiling Sporadic earthquake damage after 2002 profiling - MP 202 MP 190 Paxson Maint. Station MP 10. Denali Highway **Paxson** MP 180

MP 170

MP 160

Richardson Highway

MP 150

20 Miles

5

10

15



Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, State of Alaska DOT&PF



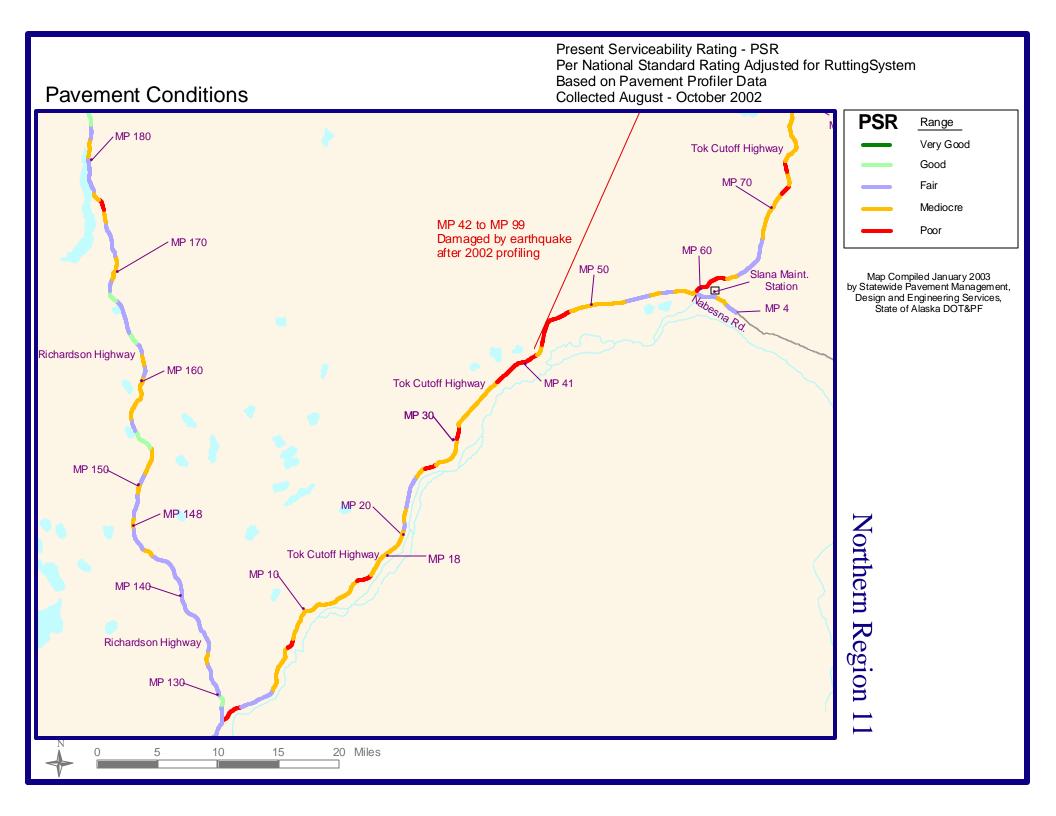
MP 42 to MP 99

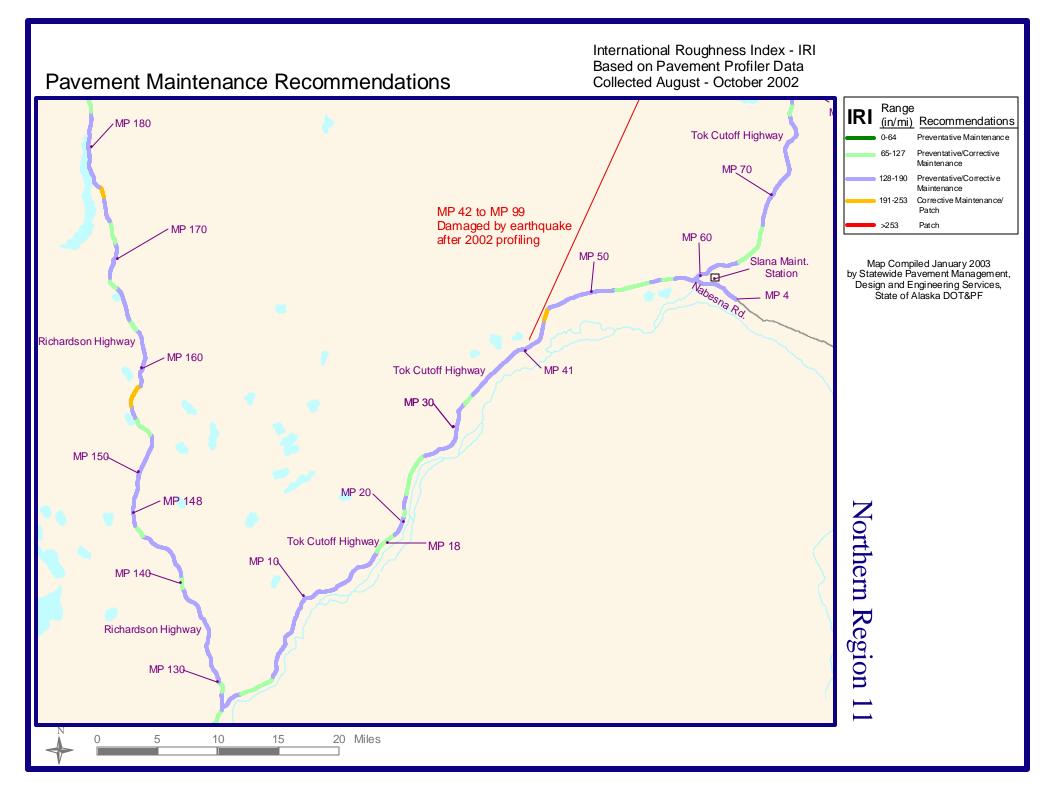
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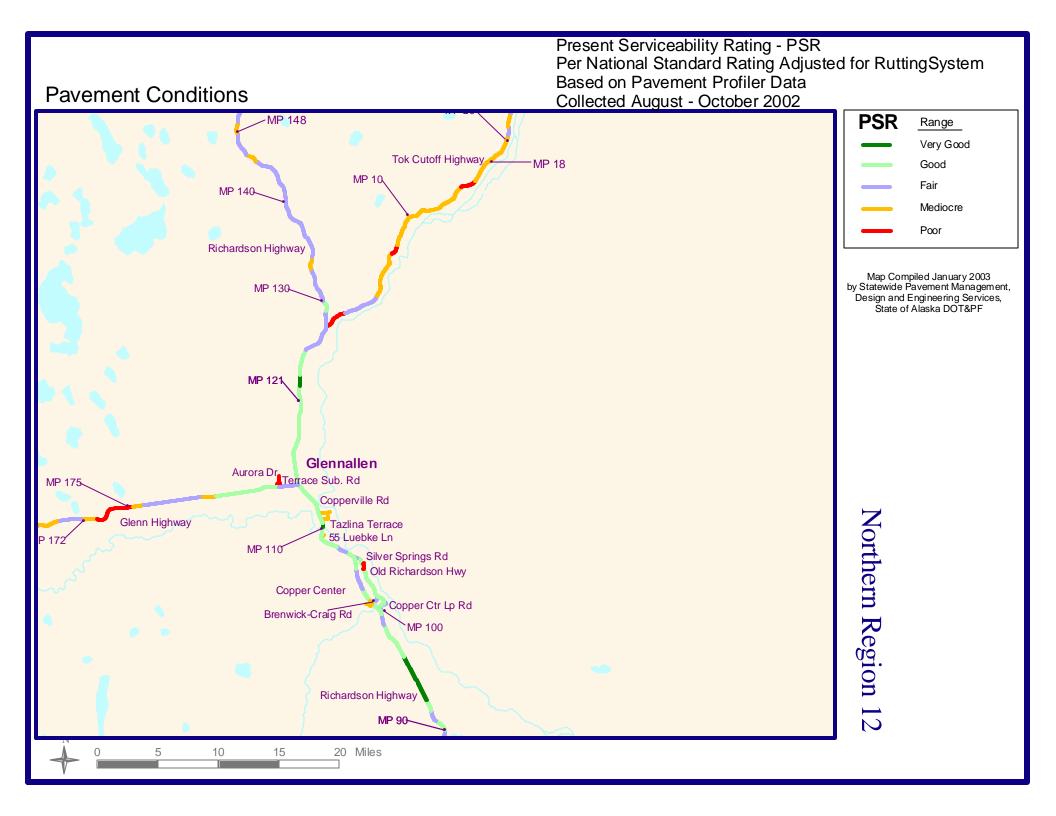
after 2002 profiling

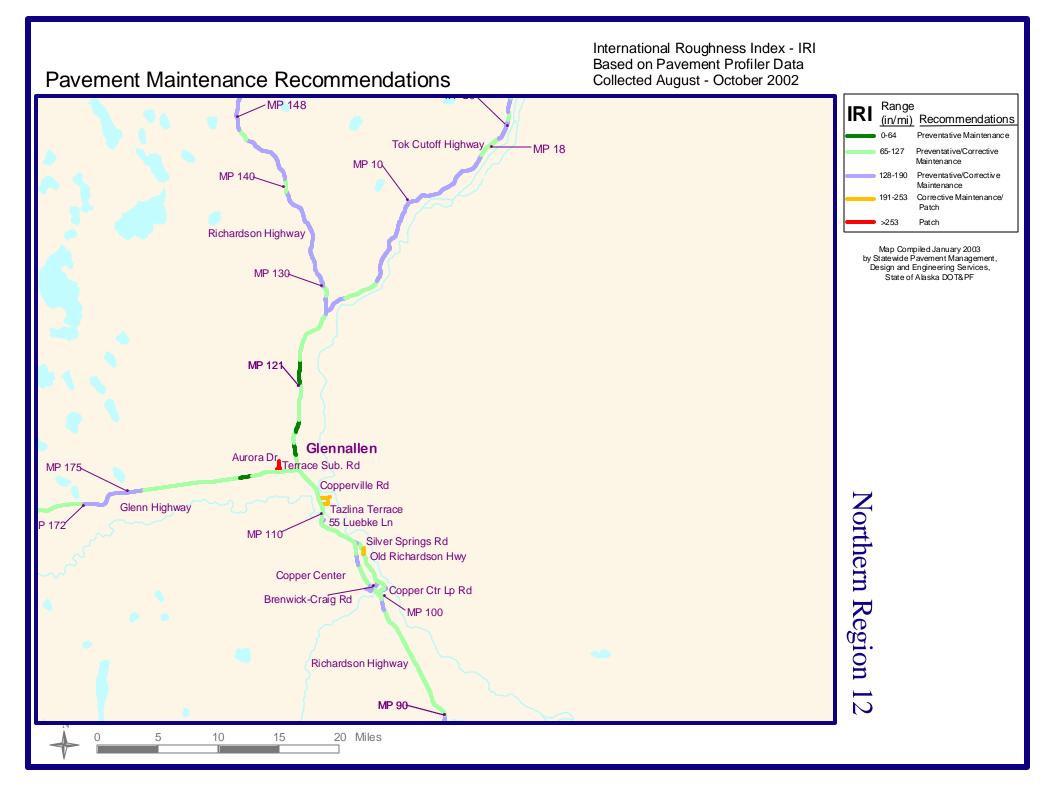
Damaged by earthquake

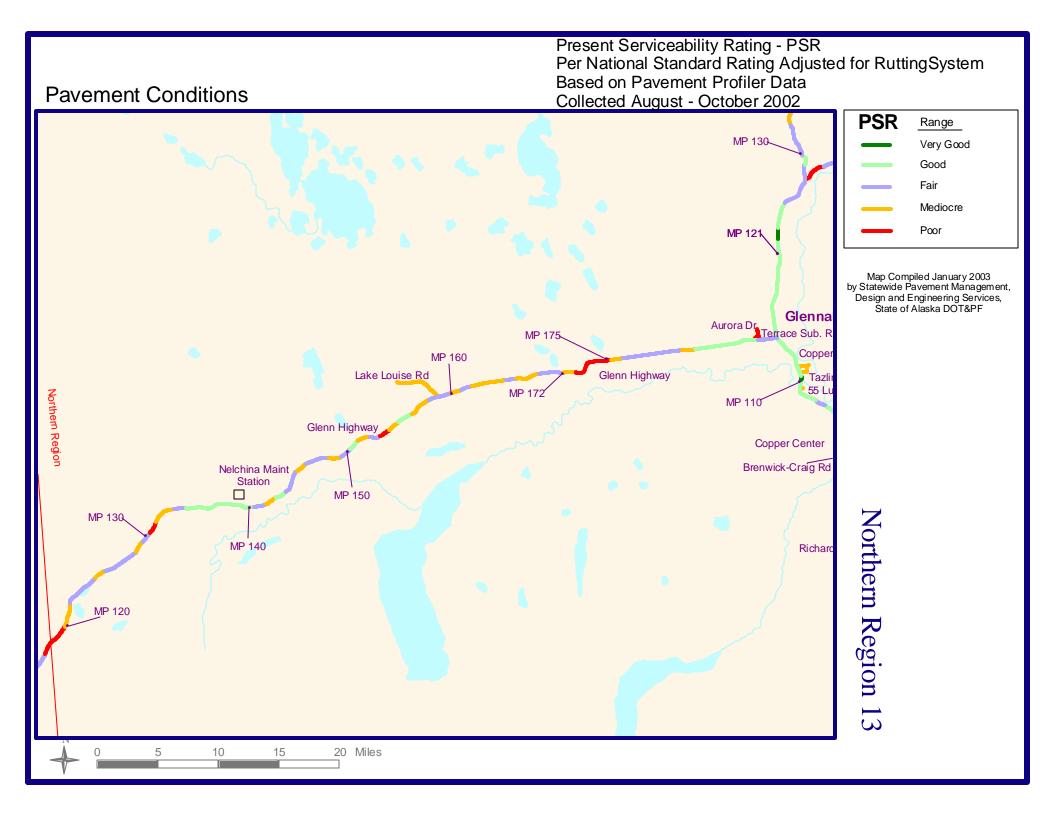


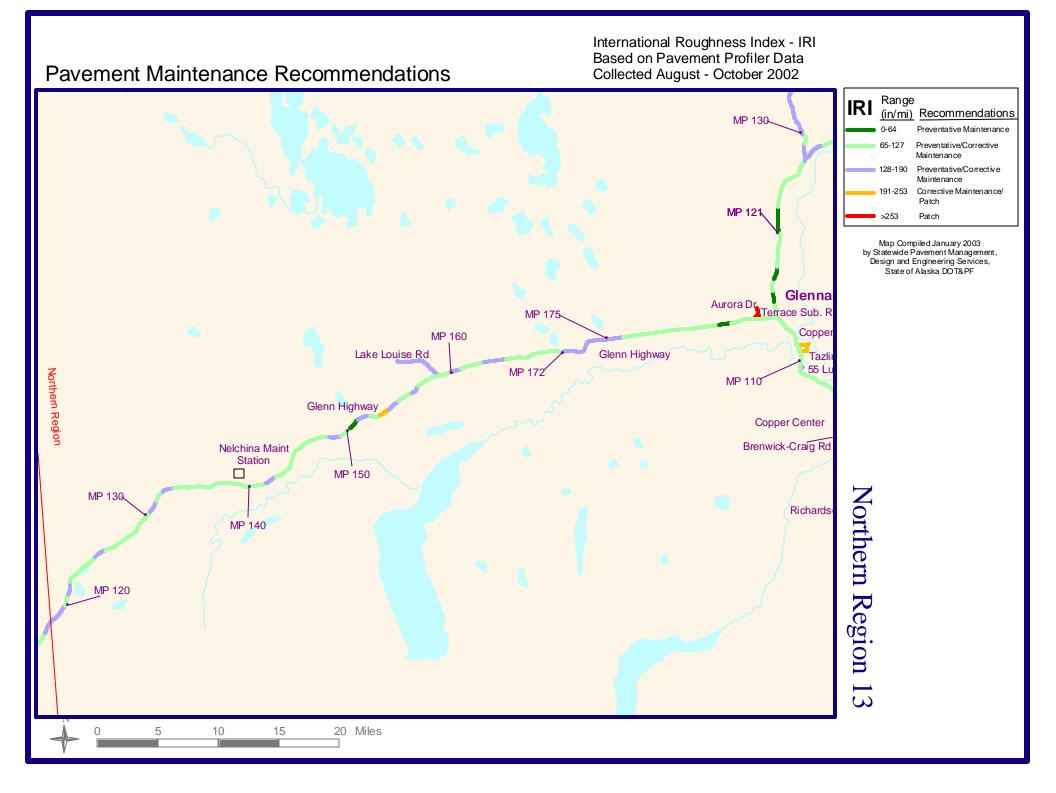


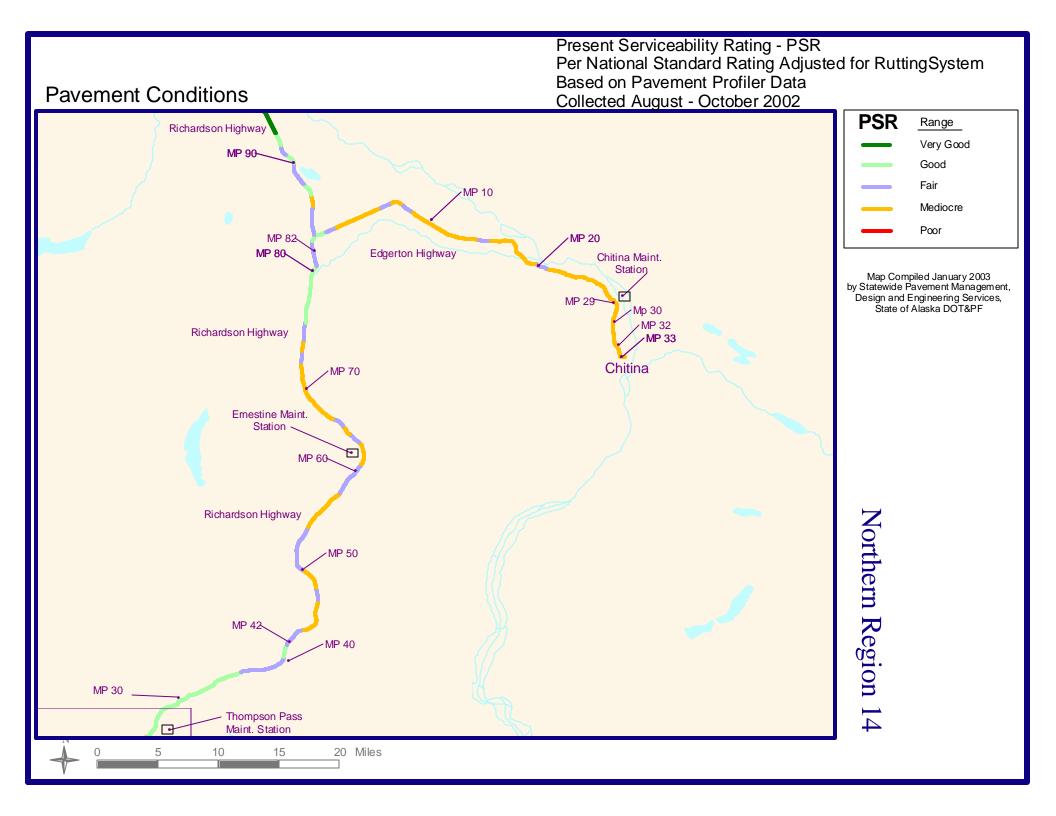






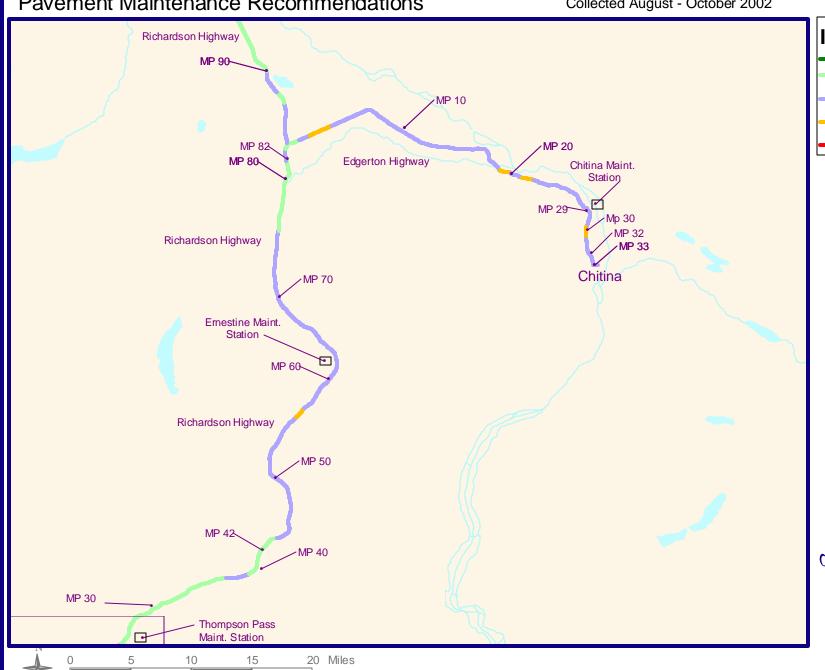






Pavement Maintenance Recommendations

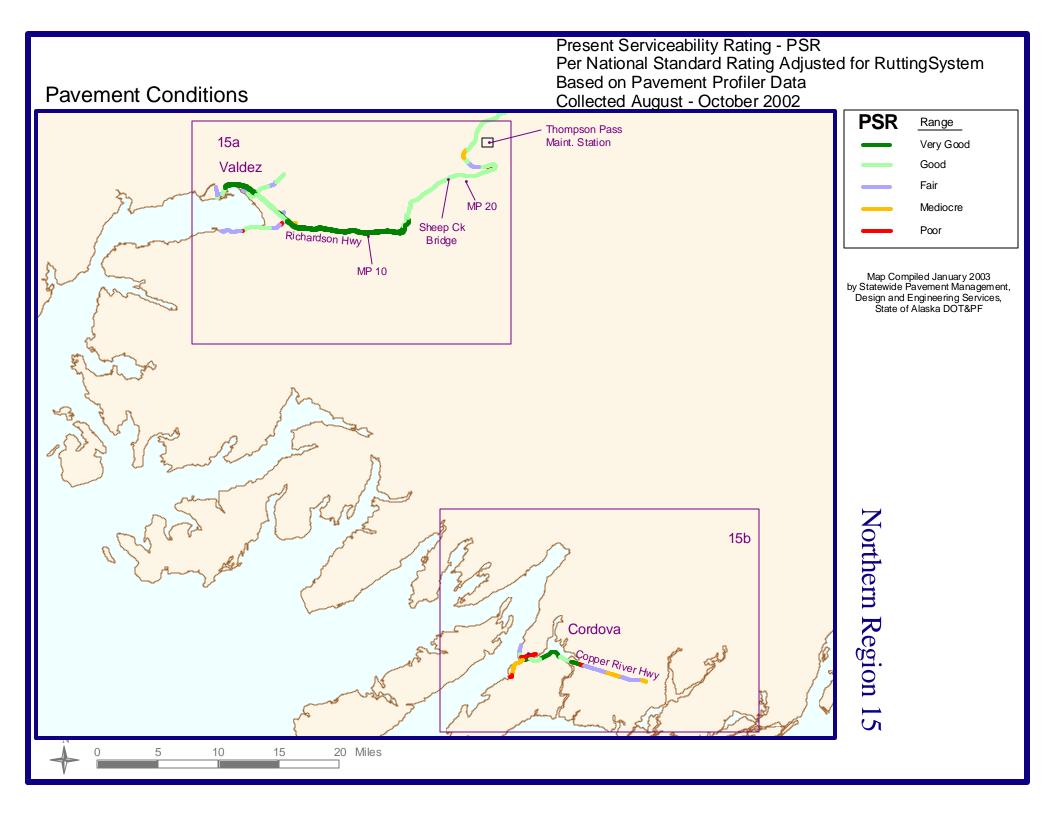
International Roughness Index - IRI Based on Pavement Profiler Data Collected August - October 2002





Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, State of Alaska DOT&PF

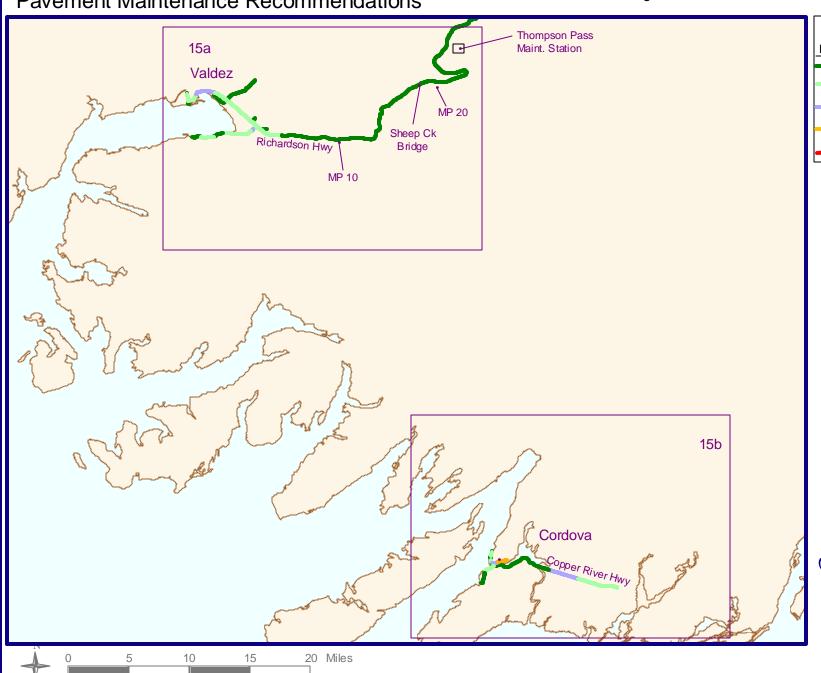
Northern Region 14



International Roughness Index - IRI Based on Pavement Profiler Data Pavement Maintenance Recommendations Collected August - October 2002 Range Range (in/mi) Recommendations Thompson Pass 15a Maint. Station Preventative Maintenance Valdez Preventative/Corrective Maintenance 128-190 Preventative/Corrective Maintenance 191-253 Corrective Maintenance/ Patch Sheep Ck Richardson Hwy Patch Bridge Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, MP 10 State of Alaska DOT&PF Northern Region 15b Cordova Copper River Hwy 15 20 Miles 10

Rut Depth Measurements Based on Pavement Profiler Data Collected August - October 2002

Pavement Maintenance Recommendations



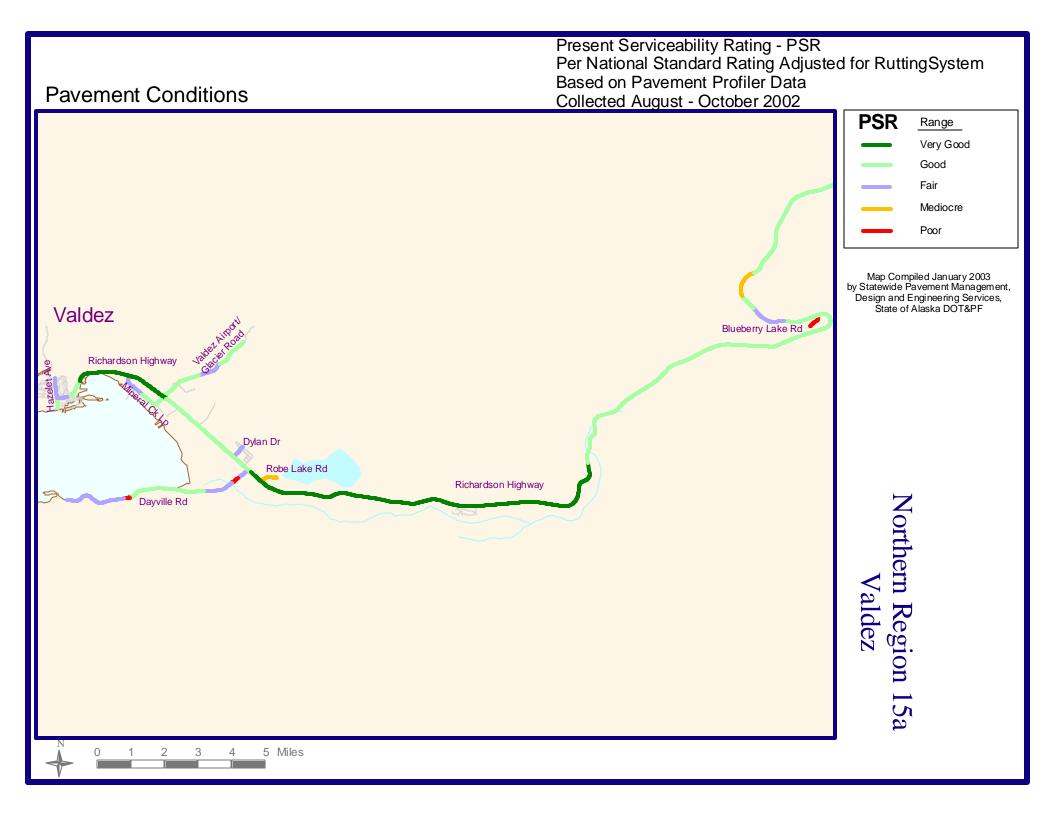
RUT DEPTH Range (in.) Recommendations 0 - 0.25 Preventative Maintenance 0.25 - 0.5 Preventative/Corrective Maintenance 0.5 - 0.75 Preventative/Corrective Maintenance 0.75 - 1.0 Corrective Maintenance/Patch

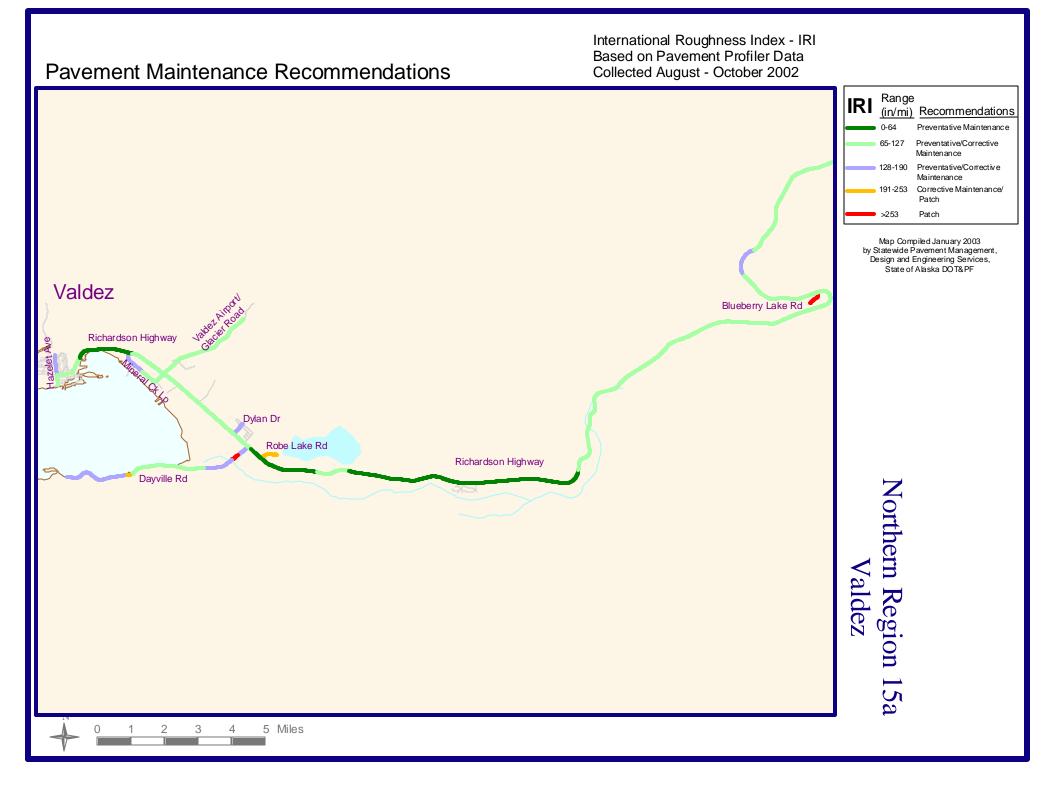
Map Compiled January 2003 by Statewide Pavement Management, Design and Engineering Services, State of Alaska DOT&PF

Patch

>1.0

Northern Region 1:





Rut Depth Measurements Based on Pavement Profiler Data Collected August - October 2002

Pavement Maintenance Recommendations

